Construction News

★Denotes work advertised in ENGINEERING NEWS.
✚Denotes contract awarded. The names of bidders awarded contracts are set in CAPITALS.

RAILWAYS—STEAM AND ELECTRIC

Massachusetts—Lowell & Fitchburg St. Ry. Co.—This company has received a franchise from the City Council to extend its tracks on Main St., Ayer, to connect with the Ayer terminus of the Shirley-Ayer line of the Fitchburg & Leominister St. Ry. Co., Fitchburg. L. H. Cushing is Gen. Mgr. and Pur. Agt.

New York—Plans are being considered by O. P. Brown, Olean, and associates for the construction of an electric railway along the Hackell Rd., from Olean to Cuba.

New York—International Ry. Co.—This company has received from the City Council a five-year extension of time on its franchise to extend its line on Military Rd. to the Velodrome, Kenmore. J. C. Sheldon is Pur. Agt.

New York—The Oval Disk Co., Port Henry, N. Y., is having surveys made for the construction of a 25-mile railway from Tupper Lake to Ampersand Pond to open up its timber lands.

New York—Poughkeepsie City & Wappinger Falls Electric Ry. Co.—This company plans to expend about $150,000 for the reconstruction and extension of its double-track line on Main St., Poughkeepsie. Charles A. Brooks, Poughkeepsie, is Local Mgr.

Pennsylvania—According to press reports the County Commissioners have granted a franchise to the Eastern Pennsylvania Ry. and the Schuylkill Electric Co. to construct and operate jointly an electric railway from Pottsville, Penn., over Broad Mountain.

Pennsylvania—Pittsburgh Ry. Co.—This company has applied to the City Council of Pittsburgh for a franchise to construct a single track on Diamond St. from Grant to Wood St., a double track from Try to Grant St. and for connections to be made with existing tracks on Forbes, Grant, Smithfield and Wood St. P. N. Jones, Pittsburgh, is Gen. Mgr.

Maryland—The Commissioners of Baltimore County contemplate granting a franchise for the construction of an electric railway on Regester Ave. from York Rd. to Idlewylde Park, Towson, Md.

North Carolina—Alamance, Durham & Orange Ry.—The citizens of Burlington, N. C., have voted to issue $100,000 in bonds to aid this company construct its proposed electric railway from Ossipee to Durham. Junius Harden, Burlington, is interested. Noted Mar. 18.

North Carolina—According to press reports a company is being organized to construct an electric railway out of Rutherford, N. C.

Georgia—Central of Georgia Ry.—This company contemplates constructing a second track on its line from Savannah to Tybee Island. C. K. Lawrence, Savannah, is Ch. Engr.

Georgia—The Henderson Lumber Co. has purchased the line of the Ocilla, Pinebloom & Valdosta R.R., about 11 miles long. The new owner contemplates the extension of the line from Lax to Ocilla, Ga., about 15 miles, and from Pinebloom to Homerville, about 28 miles. J. A. J. Henderson, Ocilla, is Pres.

Georgia—Midland Ry.—We are informed officially that the line of this company, which is being built from Savannah, may be operated by gasoline propelled passenger equipment, and information as to such equipment is desired. George M. Brinson, Savannah, Ga., is Pres. Noted May 6.

Florida—Jacksonville Traction Co.—The City Council of Jacksonville has granted permission to this company to construct an extension to its line along Kings Rd. Hardy Croom, Jacksonville, is Local Mgr. and Pur. Agt.

Alabama—Plans are being considered by W. W. Shortridge, Birmingham, and associates for the construction of an electric railway in Jefferson County from Birmingham to the Warrior River, about 25 miles.

Louisiana—F. T. Constant and associates contemplate the construction of a electric railway in Alexandria, La.

Tennessee—Nashville, Springfield & Northern R.R.—This company has been chartered to construct an interurban railway from Nashville, Tenn., to Franklin, Ky. E. G. Stribling, Nashville, is Pres. and Robert C. Leonard, Nashville, is Secy. Noted June 17.

Kentucky—Cumberland R.R.—We are advised that this company has not definitely concluded when construction work will be resumed on its line from Warren, Ky., to Jellico, Tenn., on account of financial conditions. T. H Hayden, Artemus, Ky, is Gen. Mgr Noted June 10.

Ohio—The Lake Erie & Youngstown Construction Co., recently incorporated, will soon start work on the construction of the proposed railway from Youngstown to Conneaut. John B. Ruhlman is interested.

Ohio—Lancaster Traction & Power Co.—Plans are being made by this company for the construction of a two-mile extension to its line in Lancaster, Ohio. H. B. Peters, Lancaster, is Pres., Gen. Mgr. and Pur. Agt.

Indiana—According to press reports there is a movement on foot to construct an electric railway from Evansville to Terre Haute in connection with the proposed Dixie Bee Line Highway, which will connect Chicago, Ill., Terre Haute, Evansville, Henderson, Ind., and Nashville, Tenn.

Michigan—Detroit, Pontiac & Owosso Ry.—This company has applied to the City Council for a franchise to build a railway in Pontiac. This is part of a plan to construct a railway from Owosso to Detroit. George H. Lau, Detroit, is interested. Noted Aug. 6.

Wisconsin—Chicago & Wisconsin Valley Ry.—This company is making preliminary arrangements and will soon start work on the construction of its proposed electric railway from Madison to Janesville. J. E. Jones, Madison, is Pres.

Iowa—Iowa Ry. & Light Co.—This company is considering plans to extend its line from Cedar Rapids to Jefferson. J. D. Wardle, Cedar Rapids, is Supt. Ry. Dept. and Ch. Engr.

South Dakota—Huron & Northwestern Ry.—Preliminary arrangements are being made by this company for the construction of its proposed railway to connect Huron, S. D., and Hankinson, N. D. F. W. Henderson, Summit, S. D., is interested. Noted Apr. 29.

North Dakota—Huron & Northwestern Ry.—See item under South Dakota.

Wyoming—Chicago, Burlington & Quincy R.R.—This company, according to press reports, is making surveys for the construction of a line from Islay, Wyo., to Ft. Collins, Colo., where a connection with the Denver, Laramie & Northwestern Ry. will be made. F. T. Darrow, Lincoln, Neb., is Ch. Engr.

Missouri—The Mexico Investment & Construction Co. plans to construct a 14-mile electric railway southwest from Mexico, Mo., if a bonus of $30,000 can be obtained.

Texas—C. O. Williams, Corpus Christi, and Charles H. Regan, Beeville, are making preliminary preparations for the construction of a railway to connect Beeville, Cadiz, Oakville and Three Rivers, about 25 miles.

Texas—Atchison, Topeka & Santa Fé Ry.—It is reported that this company will soon start work on the construction of its proposed extension from Slaton to Lamesa and Sterling City. F. M. Bisbee, Amarillo, Tex., is Ch. Engr. Western Lines.

Texas—Ft. Worth & Denton Interurban Ry.—This company plans to start work soon on the construction of its proposed electric railway from Ft. Worth to Denton. Noted June 25, 1914.

Texas—Texas Traction Co.—This company has abandoned construction on the extension of its line from Waco to Austin. The work will not be undertaken until financial conditions improve. R. B. Stichter, Dallas, is Gen. Mgr.

Arizona—Globe & Miami Traction Co.—This company has received from the City Council six months' extension of time on its franchise to build a line between Globe and Miami. L. L. Litchfield is Pres.

Washington—Hartford & Eastern Ry.—This company, owned by Rucker Bros., Everett, has leased the Monte Cristo branch of the Northern Pacific line, running between Everett and Monte Cristo, and will operate same as common carrier. A number of improvements will be made to the properties.

California—Industrial Terminal R.R.—This company has been incorporated to construct railways in various counties of California. The first line to be built will be in Los Angeles, from Alameda St. to the Los Angeles River. The directors are L. E. Hanchett, Pres.; E. W. Taylor, Treas.; S. Smith, E. B. Carroll and G. E. Newlin.

✚**Ontario**—Lake Huron & Northern Ry.—This company has awarded the contract for the construction of its proposed railway from Sault Ste. Marie to a point on the Grand Trunk Pacific Ry. to the NATIONAL ENGINEERING CO., Marshall Bldg., Cleveland, Ohio. Estimated cost, $20,000,000.

LIGHT, HEAT AND POWER

✚**Turners Falls, Mass.**—The Turners Falls Co. has awarded the contract for the second half of its dam in the Connecticut River to FREDERICK T. LEY & CO., INC., Springfield. About 12,000 cu.yd. of concrete will be required.

★**Middletown, N. Y.**—(Official)—Bids will be received until 2:30 p.m., June 29, by E. S. Elwood, Secy. State Hospital Comn., Capitol, Albany, for power house equipment, construction, heating, plumbing and electrical work at the Middletown State Homeopathic Hospital, Middletown.

New York, N. Y.—(Borough of Manhattan)—Bids will be received until June 28 by C. B. J. Snyder, Supt. of School Bldgs., Park Ave. and 59th St., for additions, alterations and repairs to the electrical equipment in Public Schools 5, 48, 68, 103, 159 and 186, Borough of Manhattan.

✚**New York, N. Y.**—(Borough of Brooklyn)—Bids were received June 14 by the Department of Health for the plumbing and gasfitting of a pavilion on the grounds of the Kingston Ave. Hospital, Borough of Brooklyn, as follows: Harley Plumbing Co., $5477; James Abroms & Bros., $5662; T. E. O'Brien, $4973; J. J. KENNEY, 262 West 20th St., New York, $4795 (awarded contract); W. Young, $5248; G. E. Gibson, $5190; Wells & Newton, $5791.

✚**New York, N. Y.**—(Borough of Brooklyn)—Bids were opened June 14 by the Department of Health for the steam-heating plant of a pavilion on the grounds of the Kingston Ave. Hospital, Borough of Brooklyn, as follows: G. E. Gibson, $4945; Wells & Newton, $5143; Adams Witz, $5181; M. J. Callahan, $4879; Philp & Paul, $5937; W. J. OLVANY, 177 Christopher St., New York, $4200 (awarded contract); Walker & Chambers, $4757.

Harrison, N. J.—It is reported that the Public Service Electric Co. will install new underground conduits in Fourth St., Harrison. The estimated cost is $35,000.

Hoboken, N. J.—(Official)—Bids will be received until July 7 by the Board of City Commissioners for lighting the streets and public places for a period of one, three, or five years from July 14, 1915.

Paterson, N. J.—The Board of Education has engaged Lewis E. Eaton, Consult. Engr., to prepare plans for an electric-light and power plant for the High School. An appropriation of $5000 has been made for the purpose.

Franklin, Penn.—It is announced that the Atlantic Refining Co. will spend about $300,000 in installing an entire new boiler system at the Eclipse Oil Works, Franklin. A new building and smokestack with smoke-consuming equipment will be included. The boilers will be of the water-tube type, about 8000 hp.

✚Philadelphia, Penn.—The Board of Education has awarded the contract for the installation of a heating system in the Lynde School to THOMPSON BROS., 125 North Fifth St., Philadelphia, at $15,500.

✚Pittsburgh, Penn.—The Department of Charities has awarded contracts in connection with the construction of a new wing to the asylum for insane men at the City Poor Farm, Marshalsea, to the following: BERKLE CO., $23,297 for plumbing apparatus; BURNS FLEMING & CO., 815 Forbes St., Pittsburgh, $32,740 for heating plant; EASTERN ELECTRIC CO., 6016 Center Ave., Pittsburgh, $7909 for electrical work.

✚Baltimore, Md.—The Hebrew Hospital, Monument St. and Broadway, has awarded the contract for the construction of a fireproof power house to JOHN WATERS, 23 East Center St., Baltimore; the contract for equipment, including two 250-hp. water-tube boilers, directly connected to 100-kw. generator, switchboard, high-pressure steam and exhaust piping, and incidentals, was awarded to CROOK, KRIES & CO., 28 Light St., Baltimore. Smith & May, 921 Equitable Bldg., is Arch.

Cordele, Ga.—The City Council will engage an engineer to prepare plans and estimates for the construction and operation of a municipal electric-light plant.

Sylacauga, Ala.—Bids will be received until 6 p.m., June 29, by J. E. Jordan, City Clk., for the construction of a concrete dam, about nine ft. high and 250 ft. long, at the municipal hydro-electric plant at Hatchett Creek, 16 miles from Sylacauga. The estimated cost is $5000.

Cuyahoga Falls, Ohio—The Falls Rubber Co., Cuyahoga Falls, is having plans prepared for a one-story brick and steel power house. Ernest McGeorge, Leader-News Bldg., Cleveland, is Engr.

Fremont, Ohio—The receivers of the Sandusky River Power Co. have applied to the Public Utilities Commission for permission to issue $700,000 in bonds and $100,000 in preferred stock. This is a preliminary step toward reorganizing the company, and adding a $500,000 auxiliary steam plant to the hydro-electric plant now in operation. The name of the company will be changed to the Ohio State Power Co. Noted June 17.

✚Fremont, Ohio—Press reports state that the Ohio State Power Co. has awarded the contract for the auxiliary steam power plant at Ballville to the WORDEN-ALLEN CO., Chicago. The equipment will include three 6250-kw. steam turbines, four 150-hp. boilers, mechanical stokers and a fuel-handling crab. See preceding item.

Marietta, Ohio—Tentative estimates have been submitted to the City Council of the cost of establishing a municipal electric-light plant. The figures range from $65,000 to $68,000, including the building. A. G. Stevens is City Clk. Noted June 3.

Wellsville, Ohio—The City Council is preparing to advertise for bids for the sale of $60,000 in bonds, the proceeds of which will be used for the construction of a municipal electric-light plant.

Cheboygan, Mich.—It is reported that the Cheboygan Electric Light & Power Co. is considering the construction of a new power plant on the Black River, removing the present plant from the middle of the river to the shore. The estimated cost of the work is $75,000. F. B. Spencer is Secy. and Treas.

Grand Rapids, Mich.—It is reported that bids will be received until July 12 for the construction of a power house for the Imperial Furniture Co. The Wernette-Bradfield-Meade Co., Grand Rapids, is Engr.

Lowell, Mich.—The Hydro-Electric Power Co., Lowell, is reported to be contemplating extensions to its power station. The Wernette-Bradfield-Meade Co., Grand Rapids, prepared the plans.

Petoskey, Mich.—It is reported that the city is having plans prepared for rebuilding the municipal electric-light plant. J. W. Lovelace is Mgr. and Supt. of the plant.

✚Appleton, Wis.—The Wisconsin Traction, Light, Heat & Power Co. has awarded the contract for the construction of an addition to its plant to the WHEELER CONDENSER & ENGINEERING CO., 149 Broadway, New York, N. Y., at about $500,000. The new addition will increase the capacity by 17,000 hp.

✚Madison, Wis.—The Wisconsin River Power Co., Madison, has awarded the contract for 700 tons of steel for towers of the transmission line between Madison and Prairie du Sac, to the AMERICAN BRIDGE CO., 30 Church St., New York, N. Y.

Shawano, Wis.—It is reported that plans are being prepared for a $40,000 power house for the municipal water and electric-light plant. The Power Engineering Co., Minneapolis, Minn., is Engr.-in-Charge.

Des Moines, Iowa—The Continental Gas & Electric Corporation is having plans prepared for the construction of a central heating and lighting plant. The estimated cost is $300,000. W. H. Abbott, 401 Manhattan Bldg., Des Moines, is Engr.

Knoxville, Iowa—It is reported that the Des Moines Electric Co., Des Moines, contemplates the construction of a 44,000-volt transmission line to Knoxville to furnish energy to the Knoxville Electric Co.

Owatonna, Minn.—The State Board of Control has plans for the construction of a two-story, 50x80-ft. power house. It will cost about $25,000. C. L. Pillsbury, 805 Metropolitan Life Bldg., Minneapolis, is Engr. Downer Mullen, St. Paul, is Secy. Bd. of Control.

Hutchinson, Kan.—Press reports state that the United Water, Gas & Electric Co. will enlarge the boiler room of its power plant to double the present capacity.

Broken Bow, Neb.—(Official)—See item under "Water Supply-Irrigation."

Davenport, Neb.—(Official)—Bids will be received until July 1 by the City Council for the installation of an electric light plant. The estimated cost is $5000. Charles F. Sturtevant, Holdrege, Neb., is Consult. Engr. Noted June 17.

Holdrege, Neb.—The City Council has granted a 25-year extension of the franchise of the Holdrege Lighting Co. The company has agreed to reduce its rates for furnishing electricity for lighting and commercial purposes, and will make a number of improvements in its plant.

Milbank, S. D.—Bids will be received until July 2 by E. M. Harper, Audr. of Grant County, for heating, plumbing and electrical work in the new county court house in Milbank.

Chillicothe, Mo.—(Official)—Bids will be received until 2 p.m., July 15, by John A. Ryan, Secy., Bd. of Pub. Wks., for installing the following equipment in the municipal electric-light plant: One 375-kw. three-phase, 60-cycle, 2300-volt generator, direct-connected to a steam engine or steam turbine to operate condenser, with separate exciter, switchboard panel and instruments, power circuit panel, etc.; one 500 g.p.m. motor-driven centrifugal pump for use with condenser and one 12-in. barometric condenser, one 12-in. oil separator, and necessary pipe, valve fittings, etc., to install the pump and condenser. C. F. Adams is Pres., Bd. of Pub. Wks. Harper & Stiles, Grand Ave. Temple, Kansas City, is Consult. Engr.

Lowry City, Mo.—Henry S. Grimes has made application to the City Council for a franchise to install and operate an electric-light plant in Lowry City.

El Campo, Tex.—The Central Service Co. has been organized with a capital stock of $200,000, for the purpose of building and operating an electric-light and power plant and an ice factory. P. J. Hardy is interested.

Galveston, Tex.—It is reported that the Texas Power & Light Co., Dallas, has purchased the property of the Galveston Gas Co. at approximately $1,000,000. The new owner plans to improve the plant and extend the distribution lines. R. F. Slater, Dallas, is Gen. Mgr. of the Texas Power & Light Co.

Marshall, Tex.—The Marshall Electric Co. contemplates the construction of a system of transmission lines in the vicinity. The first one planned will extend from the central station at Marshall to Jefferson, a distance of 15 miles. H. M. Long, Marshall, is Supt. of Overhead Const.

Soda Springs, Idaho—At a recent election the citizens approved a bond issue of $15,000, the proceeds of which will be used for the construction of a municipal electric-light plant.

✚Ellensburg, Wash.—The City Council has awarded the contract for rebuilding the municipal power plant to W. A. KRANER & CO., Portland, Ore., at about $59,000. Noted May 13 and 27.

Hood River, Ore.—The State Engineer, Salem, has granted permission to August Guighard, Hood River, to appropriate water from the Hood River for the operation of a hydro-electric plant to be constructed at a cost of about $300,000.

Burbank, Calif.—The citizens have voted an issue of $25,000 in bonds for the purpose of constructing a municipal electric-light plant and distributing sytsem.

Dorchester, Ont.—The Town Council will construct a new distribution system at a cost of about $5000. Power for its operation will be obtained from the Ontario Hydro-Electric Commission.

BRIDGES

★Siam—(Official)—The Siamese Royal Railway Department is receiving bids for the construction of three steel viaducts. Plans and specifications may be had from the Siamese Legation, Gloucester, Mass.

✚Beverly, Mass.—The Board of Aldermen has awarded the contract for the construction of a bridge over the tracks of the Boston & Maine R.R. at School St., Beverly, to the PHŒNIX BRIDGE CO., 110 State St., Boston, at $5456. Noted Jan. 14.

Springfield, Mass.—(Official)—Bids will be received until noon, July 8, by the Board of Supervisors at the office of the City Clerk for the construction of the Plainfield St. Bridge over the tracks of the Boston & Maine R.R. It will have a 103-ft. span, 68 ft. wide. F. H. Clark is Supt. of Streets and Engineering. Noted Jue 17.

Albany, N. Y.—The Delaware & Hudson Co. has made application to the Public Service Commission of the Second District for permission to construct a railway bridge over Island Creek in Albany County. The bridge will be partly in the City of Albany and partly in the Town of Bethlehem. It will be a girder span not less than 50 ft. wide. James MacMartin is Ch. Engr. of the Delaware & Hudson Co.

Buffalo, N. Y.—The Board of Aldermen has rejected all bids for the reconstruction of the Chicago St. Viaduct, and has directed the Commissioner of Public Works to advertise for new bids. Francis G. Ward is Comr. of Pub. Wks. Noted May 7, 1914, and June 10, 1915.

Mohawk, N. Y.—At a recent election the citizens voted to issue $18,000 in bonds for the purpose of constructing nine concrete bridges on Paine's Hollow Rd.

★Belvidere, N. J.—(Official)—Bids wil be received until July 6 by the Board of Chosen Freeholders of Warren County, Courthouse, Belvidere, for the construction of two I-beam bridges. F. W. Salmon, Netcong, is County Engr. J. R. Thatcher is Dir. Bd. of Chosen Freeholders.

✚Cranford, N. J.—The Board of Chosen Freeholders of Union County, Elizabeth, has awarded the contract for replacing the steel bridge at Union Ave., Cranford, with a new concrete structure, to the WELDON CONTRACTING CO., Rahway, at $11,270. Other bidders were: Ferro Concrete Co.,

$12,294; T. Foster Callahan, $13,230; Arthur E. Smith, $12,-127; Averill-Matthews Co., $12,971; Logan Construction Co., $11,640; Schouler Cement Construction Co., $11,284; F. W. Schwiers, $12,954; James E. Gano, $11,435; Schafer & Newman, $11,640; Whitaker & Diehl, $13,284.

North Plainfield, N. J.—(Plainfield post office)—The lowest bid received by the Board of Chosen Freeholders of Somerset County, Somerville, for the construction of a bridge at Grove St. connecting North Plainfield with Plainfield, was that of A. E. Smith, Plainfield, at $7373. There were 14 bidders for the work.

✚**Lebanon, Penn.**—(Official)—The Supervisors of North Annville Township, Lebanon County, have awarded the contract for a bridge across Quittapahilla Creek to G. W. ENSIGN, INC., Harrisburg. Noted June 10.

Philadelphia, Penn.—The Committee on Surveys of the City Council is considering an ordinance for the construction of a $200,000 bridge over Pennypack Creek on the route to New York by way of the Northeast Blvd.

✚**Cumberland, Md.**—(Official)—The Road Directors of Allegany County have awarded the contract for a 70-ft. steel bridge over the C. & O. canal at Virginia Ave., Cumberland, to the VIRGINIA BRIDGE & IRON CO., Roanoke, Va. Noted June 10.

✚**Frostburg, Md.**—The Town Council has awarded the contract for the construction of a concrete bridge over the tracks of the Cumberland & Pennsylvania R.R. at Bowery St. to the LUTEN BRIDGE CO., York, Penn., at $5340. Noted June 10.

✚**Luray, Va.**—(Official)—The Commissioners of Page County have awarded the contract for a bridge over Hawksbill Creek, about one mile from Luray to E. C. McCOMB, Roanoke. Noted June 3.

✚**Woodstock, Va.**—(Official)—The Commissioners of Shenandoah County have awarded the contract for the construction of a 300-ft. bridge over the North Fork of the Shenandoah River between Shenandoah and Warren Counties to the VIRGINIA BRIDGE & IRON CO., Roanoke, at $6241. The Roanoke Bridge Co. bid $6572. Noted May 27.

Rainelle, W. Va.—Bids will be received until July 6 by the Greenbrier County Court, Lewisburg, for the construction of three steel or reinforced-concrete bridges near Rainelle. One will be 25 ft. long and the others 20 ft. each, all with 16-ft. roadways. J. S. Crawford is Clk. of County Court.

Guyton, Ga.—It is reported that the Commissioners of Effingham County, Springfield, and Bulloch County, Statesboro, contemplate the construction of a steel bridge across the Ogeechee River at Guyton. The estimated cost is $10,000.

Macon, Ga.—(Official)—It is announced that no new bridges will be built in Bibb County this year. J. Ross Bowdre is Clk. of County Comrs. Noted June 10.

St. Petersburg, Fla.—It is reported that the City Commissioners plan to build a new concrete bridge over Booker Creek. J. G. Bradshaw is Mayor.

Montgomery, Ala.—Bids will be received until July 12 by the Commissioners of Montgomery County for the construction of a steel bridge over Pinlala Creek on the Hayneville Rd. Thomas H. Edwards is County Engr.

Columbus, Miss.—Bids will be received until July 5 by the Board of Supervisors of Lowndes County for the construction of four steel bridges and three concrete culverts. G. E. Hauser, Jr., is Engr.

✚**Ashland, Ohio**—(Official)—The Commissioners of Ashland County have awarded the following contracts for the construction or repair of county bridges: CENTRAL CONSTRUCTION CO., Wooster, Ohio, $5199; S. F. BAKER, Ashland, $1579; G. W. COOPER, Polk, Ohio, $703; H. S. SCOTT, Ashland, $1627. Noted June 3.

Canton, Ohio—Bids will be received until July 7 by the Board of Commissioners of Stark County for constructing the substructure of the Fasnacht Bridge and Hess Rd. Bridge No. 1 in Perry Township. C. L. Stoner is Clk. of County Comrs.

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 1, by Philip Fosdick, Dir. of Pub. Ser., for the reconstruction of all existing bridges in Sedamsville, estimated to cost $3000, and for rebuilding the Lick Run Rd. bridges, at a cost of about $4500. Parke S. Johnson is Secy. Bd. of Pub. Ser. Frank S. Krug is City Engr

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 2, by the Board of Commissioners of Hamilton County for checkered steel plate covering over eyebars of trusses of the Beechmont Ave. Bridge, Anderson Township. Fred E. Wesselman is Pres. County Comrs.

✚**Cincinnati, Ohio**—The contract for the construction of approaches to the Beechmont Ave. Bridge over the Little Miami River has been awarded to R. E. CAIN at $5385.

Cleveland, Ohio—(Official)—Bids will be received until 10 a.m., July 3, by the Board of Commissioners of Cuyahoga County for paving the floor and approaches of the Brooklyn-Brighton Bridge. W. A. Stinchcomb is County Surv. E. G. Krause is Clk. of Comrs.

✚**Dayton, Ohio**—The Board of Commissioners of Montgomery County has awarded contracts for the Johnson Station Bridge to GEIGER & FINKE at $9143 for the concrete substructure, and the BROOKVILLE BRIDGE CO., Brookville, Ohio, at $12,990 for the superstructure.

Lebanon, Ohio—(Official)—Bids will be received until 11 a.m., July 12, by the Board of Commissioners of Warren County for the construction of a 160-ft. high truss steel bridge with creosoted plank and block over Cæsar's Creek at Haines Crossing on the Harveysburg and New Burlington Pike in Massie Township. Bids will be received at the same time for a two-span steel bridge over Turtle Creek at West St. in the Village of Lebanon. John M. Mulford is County Audr.

✚**Milton, Ohio**—(Diamond post office)—The Board of Control has awarded the contract for the construction of the Carson bridge on the Palmyra Rd. at Milton to the HUNTER CONSTRUCTION CO., Youngstown, at $32,675.

Portsmouth, Ohio—Bids will be received until July 2 by the Norfolk & Western Ry., First National Bank Bldg., for the construction of the Lawson Run Viaduct over the tracks of the railway. C. F. Losh, Portsmouth, is Asst. Engr.

✚**Waverly, Ohio**—(Official)—The Commissioners of Pike County have awarded the contract for the construction of a 123-ft. steel bridge across Sunfish Creek to the OREGONIA BRIDGE CO., Lebanon, Ohio, at $3686. The only other bid was that of the Champion Bridge Co., Wilmington, Ohio, at $4200. L. B. Eylar is County Audr. Noted June 10.

Bloomington, Ind.—(Official)—Bids will be received until July 6 by W. F. Kinser, Audr. of Monroe County, for the construction of the Willard Farr steel bridge in Bloomington Township.

Jeffersonville, Ind.—It is reported that the Commissioners of Clark County will advertise early in July for bids for constructing four steel or reinforced-concrete bridges, from 30 to 90 ft. long, and one 180-ft. reinforced-concrete bridge. G. W. Stoner is County Audr.

✚**Rensselaer, Ind.**—The Board of Commissioners of Jasper County has awarded the contract for the construction of two bridges to F. M. WILLIAMS, Winamac, at $7522.

✚**Houghton, Mich**—The Duluth, South Shore & Atlantic Ry. has awarded a contract for the concrete piers and substructure of an approach bridge to the Portage Lake Bridge on the Houghton side to the FOUNDATION CO., Woolworth Bldg., New York, N. Y. The bridge will be 300 ft. long with a steel superstructure, the contract for which has not yet been awarded. The estimated total cost is $60,000. W. W. Walker, Duluth, Minn., is Vice-Pres. and Gen. Mgr. of the railway company.

★**Rockford, Ill.**—(Official)—Bids will be received until 1:30 p.m., June 28, by H. J. Gallagher, Chn. of the St. and Alley Com. of the City Council, for the construction of a concrete bridge over Keith Creek at Kishwaukee St. The estimated cost is $13,000. Edwin Main is City Engr. Noted May 13.

Springfield, Ill.—(Official)—Bids will be received until 11 a.m., June 30, by the State Highway Department for the construction of a 155-ft. steel bridge in Bernadotte Township, Fulton County. The estimated cost is $5280. E. F. Motsinger, Canton, is Supt. of Highways of Fulton County.

Springfield, Ill.—(Official)—Bids will be received until 11 a.m., June 30, by the State Highway Commission for the construction of a number of bridges in various counties.

Burlington, Iowa—A special election will be held June 30 to vote on the question of issuing bonds for the purpose of building a bridge across the Mississippi River at Burlington. The estimated cost is $200,000. The bridge will be built jointly by the city and a stock company. Henry G. Vollmer is City Engr.

Beloit, Kan.—(Official)—Bids will be received until July 8 by the Commissioners of Mitchell County for the construction of County Bridges Nos. 810,201 and 86,141. This work was advertised for June 9, but because of technicalities, the award was postponed for a month. T. H. McCall is County Clk. Noted June 3.

Ponca, Neb.—(Official)—The Commissioners of Dixon County have rejected all bids received June 11 for the construction and repair of county bridges for a period of one year. The work will be readvertised. A. N. Porter is County Clk. Noted May 27.

Hardin, Mont.—(Official)—Bids will be received until 10 a.m., July 12, for the purchase of $28,500 in bonds. The proceeds will be used for the construction of a bridge across the Big Horn River. R. P. Ross is County Clk.

Chillicothe, Mo.—Plans will be completed about July 1 for a number of bridges in Livingston County. Three will be of steel, two 60-ft. and one 80-ft. span; four will be of reinforced-concrete, from 30 to 50 ft. long. Joseph Broaddus is County Engr. Fred Harris is County Clk.

Kahoka, Mo.—Bids will be received until noon, July 2, by the Commissioners of Clark County for the construction of five bridges in various townships. A. E. Ostrich is County Engr.

St. Louis, Mo.—The Missouri Pacific Ry. System has submitted plans to the Board of Public Service for approval, of a reinforced-concrete viaduct over its tracks at Chouteau Ave. It will be 1680 ft. long and 80 ft. wide. J. R. Stephens, St. Louis, is Ch. Engr. Noted Jan. 14.

Dallas, Tex.—It is reported that the Commissioners Court of Dallas County contemplates the construction of a bridge across the Trinity River at Commerce St. The estimated cost is $100,000. J. F. Witt, Dallas, is County Engr.

Tulsa, Okla.—Plans have been selected for the bridge to be built across the Arkansas River connecting Tulsa with West Tulsa. The bridge will be 1460 ft. long with a 30-ft. roadway and two 4-ft. sidewalks. The approaches will be 400 and 450 ft. The estimated cost is $183,000. Lewis Cline is County Clk. Noted Apr. 29.

La Junta, Colo.—(Official)—Bids will be received until 2 p.m., July 6, by the Board of Commissioners of Otero County, Courthouse, for the construction of a reinforced-concrete bridge across Anderson Arroyo on Fifth St., La Junta. Alternate bids will be accepted on a single span of 73 ft., or a bridge with two 50-ft. spans. George McCauley is County Clk. Mark Denson, Rocky Ford, is County Engr.

Challis, Idaho—At an election on May 29 the citizens voted in favor of a bond issue of $25,000 for the purpose of constructing five steel bridges in the county. It is reported that bids will soon be asked. Earl J. Michael is County Clk. Noted May 20.

✚**Twin Falls, Idaho**—(Official)—The State Highway Commission, Boise, has awarded the contract for four steel bridges in Twin Falls County, to form part of the State highway system, to the MIDLAND BRIDGE CO., Kansas City, Mo., at $16,561. Other bidders were: H. W. Perkham, Twin Falls, $17,882; J. H. Forbes, Twin Falls, $17,012; C. H. Mull, Twin Falls, $17,284; Minneapolis Steel & Machinery Co., Minneapolis, Minn., $17,565.

Colfax, Wash.—Bids will be received until July 6 by the Cocmmissioners of Whitman County for the construction of four concrete bridges, a 30-ft. span at Farmington; 25-ft. span at Garfield; 40-ft. bridge at Clinton, and a 60-ft. bridge at Pullman. John McCaw is County Engr. A. R. Metz is County Audr.

Seattle, Wash.—Bids will be received until June 28 by the City Commissioners for the construction of a steel bridge over the Snoqualmie River on the Tolt-Redmond Rd. The estimated cost is $18,000. H. W. Carroll is City Clk.

✚**Stevenson, Wash.**—(Official3—The Board of Commissioners of Skamania County has awarded the contract for a concrete bridge across Nelson Creek on the Ivatot Rd. to H. J. HILDEBURN, 715 Weidler St., Portland, Ore., at $5400. Other bidders were: Hood River Transfer & Livery Co., $6498; Samson & Scales, $7025; Elliott Contracting Co., $5650. Noted May 27.

Tacoma, Wash.—(Official)—Bids will be received until 2 p.m., July 7, by the State Highway Board, Olympia, for the construction of a reinforced-concrete arch over the Mashell River, Pierce County. William R. Roy, Olympia, is State Highway Comr.

✚**Tumwater, Wash.**—(Official)—The Board of Commissioners of Thurston County, Olympia, has awarded the contract for the construction of a bridge across Des Chutes River on the Pacific Highway to CHARLES G. HUBER, Seattle, at $12,798. It will be of concrete, three spans, Luten design. List of bidders noted June 17.

Clatskanie, Ore.—Bids will be received until June 26 by A. F. Barnett, County Clk. of Columbia County, St. Helen, for the construction of a steel bridge across the Clatskanie River near Clatskanie. The estimated cost is $20,000. L. J. Van Orshoven, St. Helen, is County Engr.

✚**Auburn, Calif.**—The Board of Supervisors of Placer County has awarded the contract for the construction of a bridge across Coon Creek to JENKINS & WELLS, Sacramento, at $4888.

Coloma, Calif.—The Board of Supervisors of Eldorado County, Placerville, has decided to build a bridge across the South Fork of the American River at Coloma.

Ferndale, Calif.—Press reports state that the Board of Supervisors of Humbolt County, Eureka, will soon ask for bids for the construction of a bridge over Salt River at Ballou's Ford to replace the present structure. The approximate cost will be $10,000.

Kennett, Calif.—The Board of Supervisors of Shasta County, Redding, is considering the construction of a bridge across the Sacramento River at Kennett. The estimated cost is $20,000.

Red Bluff, Calif.—Bids will be received until June 29 by the Board of Supervisors of Tehama County for the construction of a 2200-ft. bridge across Sand Slough, a 450-ft. bridge across Samson Slough, and a 600-ft. bridge across Payne Creek. Bids for either concrete or steel construction will be accepted. Noted Mar. 25.

✚**Salinas, Calif.**—The Board of Supervisors of Monterey County has awarded the contract for the construction of a 720-ft. steel bridge across the Salinas River near Nponset to PETERSON & GRIER, San Francisco, at $32,290.

✚**Stockton, Calif.**—The Board of Supervisors of San Joaquin County has awarded the contract for the construction of two steel drawbridges over the Old and Middle Rivers to the TIBBITS-PACIFIC CO., San Francisco, at $140,449 and $139,567 respectively. Contra Costa will pay a part of the cost of the Old Bridge. Noted May 13.

Visalia, Calif.—It is reported that Byron O. Lovelace, Surv. of Tulare County, has completed plans for a new 400-ft. bridge. The estimated cost is $18,000.

✚**Yreka, Calif.**—It is reported that the Board of Supervisors of Siskiyou County has awarded the contract for the construction of seven reinforced-concrete bridges to the PENN BRIDGE CO., Beaver Falls, Penn., at $29,650.

Brantford, Ont.—(Official)—Bids will be received until noon, June 30, by the County Clerk of Brant County for steel superstructures and concrete abutments of two 60-ft. bridges, one each over Fairchild's Creek and Mainwaring Creek. Alan Mair Jackson, Temple Bldg., Brantford, is County Engr.

Vancouver, B. C.—Bids for the reconstruction of the Connaught Bridge, which was recently burned, were received by the City Council as follows: Furnishing steel and erection, Cotton Co., Ltd., Vancouver, $72,330; Hodgson, King & McPhalen Bros., Ltd., Vancouver, $87,394; Wallace Shipyards, Ltd., Vancouver, $87,677; Booker, Campbell & Whipple, Bellingham, Wash., $77,900; Armstrong & Morrison, Vancouver, $87,836; for steel only, J. Couglan & Sons, Vancouver, $39,874; Canadian Northwest Steel Co., $77.50 per ton; dismantling and erection, Coast Contracting Co., Seattle, Wash., $24,450; Beers, Ltd., Vancouver, $34,126; Hodgson, King & McPhalen Bros., $39,874. Noted June 3.

WATER SUPPLY—IRRIGATION

Calais, Maine—The Maine Water Co. contemplates installing a water system in Calais. Surveys are now being made. M. L. McAlary, Waterville, is Engr-in-Charge.

Lenox, Mass.—The Lenox Water Co. has had plans prepared for the construction of a reservoir. The estimated cost is $12,000. Noted Oct. 8.

✚**Lowell, Mass.**—(Official)—The contract has been awarded to the HOLLY MFG. CO., Buffalo, N. Y., at $19,975, for vertical triple expansion crank and fly wheel pumping engines. J. W. Cranford is Register. Noted June 10.

✚★**Hartford, Conn.**—The contract has been awarded to LEONARDO SUZIO, Meriden, at $29,181, by the Water Commissioners for constructing under Contract No. 9 the east dike of the Nepaug reservoir. Noted May 20 and June 10.

✚★**Albion, N. Y.**—(Official)—Contracts have been awarded to: CONTINENTAL FILTER CO., New York, at $12,500, for filtration plant and equipment; R. D. WOOD & CO., Philadelphia, Penn., at $23.65 per ton, for pipe and to the LUDLOW MFG. CO., Troy, at $1899, for hydrants and valves and to the FOOS GAS ENGINE CO., Springfield, Ohio, at $10,000, for engines and pumps. Noted May 13.

Lockport, N. Y.—Bids were received June 7 for laying water mains in Market and Mill St., as follows: F. J. Le Valley, Lockport, $16,600; C. B. Whitmore Co., Lockport, $16,660; C. N. Stainthorpe & Co., Lockport, $16,990, and H. W. Golden & Son, Inc., Troy, $18,325. William G. Spaulding is City Clk.

★**New York, N. Y.**—(Official)—Bids will be received until 11 a.m., July 7, by the Board of Water Supply, Municipal Bldg., for furnishing and delivering under Contract No. 140 drainage equipment for unwatering the tunnel and its shafts in New York. W. Bruce Cobb is Secy.

New York, N. Y.—(Boroughs of Manhattan and the Bronx)—(Official)—Bids were received June 14 by the Department of Water, Gas and Electricity, for furnishing venturi meter tubes and recording apparatus for connections from the Catskill supply; Builders' Iron Foundry, Providence, R. I., $16,801, and the Simplex Valves & Meter Co., $18,850. Noted June 10.

Oswego, N. Y.—(Official)—Bonds for $35,000 have been voted by the citizens, the proceeds of which will be used for the extension and repair of the water system. Thomas H. McGinnis is City Clk. Noted June 3.

★**Port Henry, N. Y.**—(Official)—Bids will be received until 8 p.m., July 7, by A. C. Lindin, Village Clk., for constructing a reservoir and filtration plant.

Gloucester City, N. J.—Bids will be received until noon, June 25, by J. F. Lenny, City Clk., for the furnishing and installation of boilers, stack, tank service pumps and air compressor and for making alterations. C. A. Blatchley, Drexel Bldg., Philadelphia, Penn., is Engr. Noted Apr. 15.

✚**Harrison, N. J.**—Contracts have been awarded by the Hudson County Park Commissioners, Jersey City, for work at West Hudson Park: WATSON-FLAGG ENGINEERING CO., 27 Thames St., New York, N. Y., at $5713, for pumps; WILLIAM ROBERTSON & SON, INC., 15 Exchange Pl., Jersey City, at $2898, for pumping station. Noted May 27.

Wildwood, N. J.—The acquisition of the Wildwood Water Works Co. by the city has been approved by the State Utilities Commission. Noted Apr. 8 and May 20.

Beavertown, Penn.—(Official)—Bonds have been voted by the citizens. The proceeds will be used for the construction of a reinforced-concrete reservoir and pipe lines. Mark C. Krause, Williamsport, is Engr.

★**Media, Penn.**—(Official)—Bids will be received until 2 p.m., June 28, by the Water Committee of Media, for constructing a 2,000,000-gal. settling basin, a 250-hp. water tube boiler, wash water standpipe and pipes. The estimated cost is $45,000. M. C. Michener is Chn., Water Com. Noted June 17.

★**Saltsburg, Penn.**—(Offical)—Bids will be received until July 12 by the Borough of Saltsburg for one 500,000-gal. pump for the water-works. Robert H. Wilson is Chn., Water Com.

Baltimore, Md.—Bids will be received until June 30 by the Board of Awards for furnishing a 20,000,000-gal. centrifugal pump and equipment for the Eastern pumping station. Ezra B. Whitman is Consult. Engr. Noted Apr. 29 and June 17.

Frederick, Md.—The construction of a pipe line from Fishing Creek to the city water mains is under consideration by the city. Lewis H. Fraley is Mayor.

City Point, Va.—According to press reports the City Point Water Co. has been incorporated by Richard Eppes, Pres., and others with a capital of $50,000. The company plans to construct a water system.

Covington, Va.—Bids will be received until July 12 by E. B. Butler, Mayor, for c.-i. pipe and specials and for constructing a 2,000,000-gal. concrete reservoir. Harry Stevens, Union Trust Bldg., Washington, D. C., is Consult. Engr. Noted May 20 and June 10.

✚**Athens, Ga.**—The contract has been awarded to the NEW YORK CONTINENTAL JEWEL FILTRATION CO., New York, N. Y., at $5000, for constructing a 500,000-gal. filter. Noted June 17.

Boozeville, Ga.—(Lindale post office)—The construction of a water system is contemplated by James J. Skelton, Lindale. The work includes the construction of a 10,000-gal. tank, sink well, oil engine and pump and 2500 ft. of galvanized pipe.

Stone Mountain, Ga.—(Official)—At a recent election the citizens voted against the question of issuing bonds, the proceeds of which was to have been used for the installation of a water system. Noted May 20.

Bradentown, Fla.—An election will be held in July to vote on the question of issuing $21,000 in bonds, the proceeds of which will be used for the extension of the water system. Noted Mar. 11.

Ocala, Fla.—Bids will be received until June 26 for the purchase of $55,000 in bonds, the proceeds of which will be used for the installation of a water system. E. J. Cook is Secy., Bd. of Bond Trustees. Noted Oct. 15 and Mar. 18.

Pensacola, Fla.—Bonds for $20,000 have been voted by the citizens, the proceeds of which will be used for the construction of a building for the water-works.

Orrville, Ala.—The city contemplates constructing a water system.

Philadelphia, Miss.—Bonds for $30,000 have been voted by the citizens, part of the proceeds of which will be used for the construction of a water system. Noted Dec. 24.

Monroe, La.—(Official)—Walter G. Kirkpatrick, Birmingham, Ala., has been retained by the city to make a report on the condition and on the improvement of the water, light and traction systems, sewers and pavements, as basis for a $400,000 bond issue. H. D. Apgar is Mayor.

Bellbuckle, Tenn.—An election will be held July 10 to vote on the question of issuing $25,000 in bonds, the proceeds of which will be used for either the construction or the purchase of the water system.

Attica, Ohio—(Official)—The election to vote on the question of issuing $10,000 in bonds for the improvement of the water system has been postponed from June 12 to July 12. John Schottler is City Clk. Noted Nov. 19 and June 10.

Chagrin Falls, Ohio—(Official)—Bids will be received until noon, June 28, by L. G. Bradley, Clk. Bd. of Trustees, for furnishing one horizontal duplex, direct-acting, noncondensing pumping engine, with fittings, and one return tubular, brick set steam boiler for the water-works.

Ironton, Ohio—Bids will be received about Aug. 1 by the city for constructing a water system. The estimated cost is $250,000. J. F. Witmer Co., 98 Dun Bldg., Buffalo, N. Y., is Engr. Noted July 30 and Sept. 10, 1914.

Linden Heights, Ohio—An election will be held July 1 to vote on the question of issuing $20,000 in bonds, the proceeds of which will be used for the construction of a water-works. David A. Shade is Mayor.

Tiffin, Ohio—The citizens will vote at an election to be held July 12 on a bond issue for $10,000, the proceeds of which will be used for the enlargement of the municipal water system.

Youngstown, Ohio—The extension of the water system at an estimated cost of $100,000, is under consideration by the Budget Committee of the City Council.

Batesville, Ind.—Plans are being prepared by Charles Brossmann, 1616 Merchants Bldg., Indianapolis, for the improvement of the water system.

Ahmeek, Mich.—Bonds for $17,500 have been voted by the citizens, the proceeds of which will be used for the construction of a pumping station and water-works. Noted Apr. 15 and May 20.

Battle Creek, Mich.—Press reports state that an appropriation of $25,000 has been made by the State Senate for making extensions to the water mains at the Michigan Soldiers Home.

✚**Aurora, Ill.**—The contract has been awarded to S. B. GEIGER, Old Colony Bldg., Chicago, at $17,750, by the Board of Public Works, for driving an artesian well. Noted May 20.

Chicago, Ill.—Bids will be received until June 25 by Edward J. Glackin, Secy., Bd. of Local Imp., for laying water mains in portions of various streets.

Chicago, Ill.—Bids will be received until June 30 by W. D. Moorhouse, Comr. of Pub. Wks., for furnishing pumping machinery for the 68th pumping station.

Springfield, Ill.—Bids will be received until 10 a.m., June 25, by B. A. Lange, Pres., Bd. of Mgrs., of Oak Ridge Cemetery, for laying 3200 ft. of 4-in. c.-i. pipe, 10,000 ft. of 2-in. and 5000 ft. of 1½-in. galvanized pipe and specials.

Fond du Lac, Wis.—(Official)—Bids will be received until 3 p.m., July 8, by the ctiy, for the laying of 13,900 ft. of 4- to 14-in. water mains. The city will furnish the material. J. F. Hohensee is City Clk. Noted Sept. 17 and June 10.

Kenosha, Wis.—The Great Lakes Dredge & Dock Co., Milwaukee, Wis., was low bidder at $15,700, for constructing the new lake intake, crib and shore tunnel. Noted Apr. 20 and May 27.

✚**Orange City, Iowa**—(Official)—The contract has been awarded to the DES MOINES BRIDGE & IRON WORKS, Des Moines, at $9935, for laying water mains and for improving the water system. F. J. John is City Clk. Noted May 6 and June 10.

✚**Campbell, Minn.**—(Official)—The contract has been awarded to WARD & WEIGHTON CO., Sioux City, Iowa, at $3246, for constructing a water system under Plans Nos. 1 and 4. Herman Reyelts is Village Clk. Noted June 3.

Lakefield, Minn.—Bonds have been voted by the citizens, the proceeds of which will be used for the reconstruction of the water-works and electric-light plant. E. C. Anderson is City Clk.

Chanute, Kan.—(Official)—We have been advised that bids have not as yet been advertised for the construction of extensions to the water system. C. G. Wood is City Clk. Noted June 10.

Pratt, Kan.—Bids will be received until 1 p.m., June 30, by W. O. Humphrey, Mayor, for making improvements to the water system. E. T. Archer & Co., 514 New England Bldg., Kansas City, Mo., is Engr.

Simpson, Kan.—Plans have been prepared by W. B. Rollins & Co., Midland Bldg., Kansas City, Mo., for the construction of a water system. The estimated cost is $12,000.

Spearville, Kan.—Plans are being prepared by W. B. Rollins & Co., 430 Midland Bldg., Kansas City, Mo., for the construction of a water system. The estimated cost is $20,000.

Broken Bow, Neb.—(Official)—Bids will be received until 1 p.m., July 3, by B. E. Thompson, City Clk., for a pumping plant for the water system and for an electric-light plant. The estimated cost is $16,000. Charles F. Sturtevant is City Engr. Noted Apr. 22 and June 10.

Canova, S. D.—According to press reports bids will be received about July 1 for the laying of 5000 ft. of water main, a 300-ft. well, an elevated tank and a pumping station. The estimated cost is $9500. H. H. Schulte is Town Clk. Noted May 20 and June 3.

✚**Ipswich, S. D.**—The contract has been awarded to TANNER BROS., St. Paul, Minn., for constructing a concrete reservoir. Noted May 27.

Anamoose, N. D.—(Official)—An election will be held June 29 to vote on the question of issuing bonds for $10,000, the proceeds of which will be used for the construction of a water system. Noted June 10.

Saratoga, Wyo.—The citizens defeated the question of issuing bonds, the proceeds of which was to have been used for the installation of a water system. Noted May 6.

Chouteau, Mont.—Bids are being received, according to press reports, for constructing a water system. The estimated cost is $42,000. Swearingen & McCulloh, Chouteau, is Engr. Noted June 3.

Kirksville, Mo.—An election will soon be held to vote on the question of issuing $70,000 in bonds, the proceeds of which will be used for the improvement of the water and electric-light systems.

Columbus, Tex.—Bonds for $9000 have been voted. The proceeds will be used for the improvement of the water system. Noted Apr. 22 and May 6.

Elgin, Tex.—The city contemplates developing a water supply for the municipal water-works. R. Roemer is Mayor.

✚**Ennis, Tex.**—The contract has been awarded to the CHICAGO BRIDGE & IRON WORKS, Chicago, Ill., at $4190, by the city for constructing a 100,000-gal. water tower. Noted Mar. 18.

Kenedy, Tex.—The city contemplates constructing a water system. About $35,000 is available for this purpose. P. R. Goff is Mayor.

Marlin, Tex.—(Official)—Bonds for $15,000 have been voted by the citizens, the proceeds of which will be used for the extension of the water mains. J. H. Powell is City Secy. Noted May 20 and June 3.

✚**Temple, Tex.**—The contract has been awarded to P. G. BURNS, Houston, at $16,460, by the city for the construction of a concrete dam and spillway over Leon River. Noted Jan. 28 and May 27.

✚**Cheney, Wash.**—The contract has been awarded to J. H. HARRIS, Spokane, at $15,000, by A. C. Madsen, City Clk., for drilling an additional well and equipment.

Raymond, Wash.—An ordinance has been passed by the City Council appropriating the waters of the south fork of the Willapa River for municipal water purposes and condemning 190 acres of land five miles south of Raymond to be used for storage purposes. J. E. Elwood is City Clk.

Seattle, Wash.—G. Argentieri & Co., 989 Rainier Ave., Seattle, was low bidder at $8819, for constructing water mains in Fifth Ave., W. Noted June 3.

Florence, Ore.—The citizens voted in favor of issuing bonds for $10,000, the proceeds of which will be used for the construction of a water system. Noted Apr. 15.

Marshfield, Ore.—J. S. Sawyer, City Engr., has prepared plans for the construction of a new water-supply system. The estimated cost is $80,000.

Portland, Ore.—At an election held June 7 the citizens voted against the question of issuing bonds, the proceeds of which was to have been used for the installation of water meters. A. L. Barbur is City Audr. Noted June 3.

✚**Umatilla, Ore.**—The contract has been awarded to PIKE & O'NEILL, Portland, at about $10,000, by the Oregon-Washington Ry. & Navigation Co., for constructing a distributing system in connection with its new water-works. Noted May 27.

✚**Arcadia, Calif.**—The contract has been awarded to the LACY MFG. CO., Washington Bldg., Los Angeles, at $38,141, for furnishing and laying riveted steel pipe for the water system. Noted Feb. 18.

Corning, Calif.—(Official)—Bids will soon be received by the city for making extensions to the water and sewer systems at an estimated cost of $30,000. Bonds for this amount have been approved. C. W. Davis, Corning, is City Engr. Noted Jan. 28 and Mar. 26.

Martinez, Calif.—An election will soon be held to vote on the question of issuing $40,000 in bonds, the proceeds of which will be used for the installation of a fire protection system.

Pasadena, Calif.—Theodore L. Syverston, 434 Maple Way, Pasadena, was low bidder at $19,617, for making extensions to the water system for the Linda Vista Water Co. Noted May 27.

Pasadena, Calif.—The city plans to build a chlorine water purification plant in the Arroyo Seco. Samuel B. Morris is Engr. Water Dept.

✚**Marysville, N. B.**—(Official)—The contract for constructing two storage dams on the Nashwaak River for the Edward Partington Pulp & Paper Co., Ltd., St. John, has been awarded to the AMBURSEN HYDRAULIC CONSTRUCTION CO., New Birks Bldg., Montreal, Que.

Kingston, Ont.—Plans have been prepared by R. J. McClelland, City Engr., for the extension of the water system.

Marmora, Ont.—(Official)—We have been advised that the city will install a three-stage turbine pump, hydrants and water mains by its own forces. H. W. Rabine is Clk. Noted June 10.

Ryde, New South Wales—Bids will be received until July 12 by the Metropolitan Board of Water Supply and Sewerage, 341 Pitt St., Sydney, Australia, for two steam turbines with condensers, air pumps and spares at the pumping station at Ryde.

SEWERS

Amherst, Mass.—The city contemplates the installation of a sewer system estimated to cost $30,000.

Boston, Mass.—Bids will be received until noon, June 29, by P. O'Hearn, Act. Comr. of Pub. Wks., for the construction of pipe sewers and drains in Prince St., West Roxbury, Richfield and Westwood St., Dorchester, and in public alleys Nos. 903 and 904 and an outlet sewer in Bickerstaff St., Roxbury.

Boston, Mass.—Bids will be received until noon, June 25, by P. O'Hearn, Act. Comr. of Pub. Wks., for the construction of pipe sewers and drains in Holden St. and Summer Court.

Boston, Mass.—The City Council has approved an appropriation of $335,299 for sewer construction.

Malden, Mass.—The city has authorized a bonds issue of $90,000, part of the proceeds of which will be used for the construction of sewers.

✚**Woonsocket, R. I.**—The contract for the construction of surface water drains in South Main, Old, Cottage and other streets has been awarded to BREIN & BOUVIER, Woonsocket, at $7400.

✚**Greenwich, Conn.**—(Official)—The contract for the construction of 22,500 ft. of sewers in various streets has been awarded to the LINCOLN-STEELE FLEMING CO., 17 Madison Ave., New York, N. Y., at $23,999. Noted June 3.

Torrington, Conn.—Plans are being prepared by Charles A. Patterson, Borough Engr., for the construction of sanitary sewers in Beechwood Ave., Smith and Lewis Pl. and in the rear of the property of the Methodist Church.

Ilion, N. Y.—Bonds for $30,000 have been voted. The proceeds will be used for the construction of sewers.

New York, N. Y.—(Borough of Richmond)—(Official)—Bids will be received until noon, June 29, by Charles J. McCormack, Borough Pres., for sewer construction in East Warren St.

✚**Cliffside Park, N. J.**—(Cliffside post office)—(Official)—The contract for the construction of Section 1 of the trunk line sewer has been awarded to BERGEN CONTRACTING CO., at $8406 . Noted June 10.

Lodi, N. J.—Plans have been submitted to the State Board of Health for the construction of a sewer system and a sewage-disposal plant. The estimated cost is $100,000.

Maywood, N. J.—At a recent election the citizens voted to issue $93,000 in bonds, the proceeds of which will be used for the construction of a sewer system. Plans have been prepared by Clyde Potts, 50 Church St., New York, N. Y. Noted Apr. 29.

✚**Downingtown, Penn.**—(Official)—Bids were received June 7 by the Borough Council for sewer construction as follows: (a) sewers, (b) sewage-disposal plant. Averill-Matthews, Newark, N. J., (b) $49,457; POLLOCK & LEWIS, Downingtown, (a) $34,009, (b) $35,900 (awarded contract); Edwin H. Vare, Philadelphia, (a) $37,472, (b) $40,000; John A. Clark, Wilmington, Del., (a) $37,572, (b) $48,500; Martin, Miller & Pizzimenti, Caldwell, N. J., (a) $31,923, (b) $44,795; Frank X. Hinden, Lancaster, (a) $32,080; W. H. Johnson, Philadelphia, (a) $33,333; Fred E. Gross, Yonkers, N. Y., (a) $33,012, (b) $39,500; Jones & Haggart, Pittsburgh, (a) $46,707, (b) $49,950; Dabbs-Meyers, Laurel, Md., (a) $36,777; New York Sewage Disposal Co., New York, N. Y., (b) $45,675; Thomas E. Dwyer, Philadelphia, (a) $33,825, (b) $41,333; M. & T. E. Farrell, West Chester, (a) $32,972, (b) $46,300; Cantrell Construction Co., Philadelphia, (a) $36,010, (b) $38,730; GEORGE C. SOUDER, Lancaster, (a) $27,231 (awarded contract); Suburban Engineering Co., New York, N. Y., (b) $45,975. Herbert W. Hatton, Wilmington, Del., is Consult. Engr. Noted May 20.

Montrose, Penn.—(Official)—Bids were received June 10 by the Borough Clerk for the construction of a sewage-disposal plant as follows: Suburban Engineering Co., $8675; Charles Dugan, $8952; C. R. Camp, $7892; New York Sewer Disposal Co., $7063. F. H. Shaw, Lancaster, is Engr. Noted May 20.

Montrose, Penn.—Bonds for $20,000 have been voted. Part of the proceeds will be used for the construction of a sewage-disposal plant. Noted June 3.

Cartersville, Ga.—An election will soon be held to vote on the question of issuing $85,000 in bonds. The proceeds will be used for the construction of a sewer system and other municipal improvements.

✚**Macon, Ga.**—The contract for the construction of approximately 1½ miles of main sewers through the property of the Suburban Realty Co. has been awarded to H. B. HOPPENDEITZEL CO.

✚**Miami, Fla.**—The contract has been awarded to DUVALL & ASHWORTH for the construction of sewers in Ave. B and J, Seventh and other streets.

Orrville, Ala.—The city contemplates the construction of a sewer system.

✚**Okolona, Miss.**—(Official)—The contract for sewer construction has been awarded to SULLIVAN LONG & HAGERTY, Bessemer, Ala. Noted June 10.

Philadelphia, Miss.—At a recent election the citizens voted to issue $30,000 in bonds. Part of the proceeds will be used for the construction of a sewage-disposal plant.

Cleveland, Tenn.—(Official)—All bids received for the sale of $75,000 in bonds, the proceeds of which was to have been used for the construction of a sewer system, have been rejected. Bids for the work will not be advertised until the bonds are sold. Noted June 3.

Harlan, Ky.—The city will issue $7500 in bonds, the proceeds of which will be used for the construction of a sewer system.

Madisonville, Ky.—Bids will be received until July 1 by the city for the construction of 8666 ft. of sanitary sewers.

✚**Cleveland, Ohio**—The contract for the construction of drains at the Division Ave. filtration plant has been awarded to the JOHN F. CASEY CO., Cleveland, at $8744.

✚**Cleveland, Ohio**—The contract for the construction of a sewer in Jennings Rd., S. W., has been awarded to CHARLES H. BENNETT, at $25,000. Noted Apr. 24.

★**Cleveland, Ohio**—(Official)—Bids will be received until noon, July 7, by A. R. Callow, Comr. of Purchases and Supplies, for the construction of approximately 7500 lin.ft. of 6-ft. brick sewers.

Cleveland, Ohio—(Official)—Bids were received June 10 by the Commissioner of Purchase and Supplies for the construction of sewers in Sandusky Ave. from East 93d to East 102d St. and in Norman Ave. as follows: Lake Erie Paving & Construction Co., $17,697; Amata Construction Co., $19,937; Brookside Construction Co., $21,359; Manson Co., $21,921; James Duff Construction Co., $22,354; Thomas P. Egan, $23,689. Robert Hoffman is City Engr. A. L. Stevens is Engr. of Sewers. Noted June 3.

★**Columbus, Ohio**—(Official)—Bids will be received until noon, June 29, by George A. Borden, Dir. of Pub. Ser., for the construction of the South Side storm sewer, a distance of approximately five miles, and the Maryland Ave. storm sewer, a distance of approximately 1.6 miles. Henry Maetzel is City Engr. Noted June 17.

Cuyahoga Falls, Ohio—An election will be held in the fall to vote on the question of installing a sanitary sewer system.

East Palestine, Ohio—Bids will be received about July 5 by the city for the construction of approximately 15 miles of sewers and a sewage-disposal plant. C. E. Vaughn is Engr. and O. L. Butt is Clk. Noted Apr. 8.

Leetonia, Ohio—The city contemplates the construction of a sewage-disposal plant. G. W. Ballatine is Mayor.

Lowellville, Ohio—Bids will be received until noon, June 24, by C. W. Baker, Village Clk., for the construction of sewers in District No. 2. Noted Mar. 25.

Portsmouth, Ohio—A. E. Miller, at $5293, submitted the lowest bid for the construction of storm and sanitary sewers in the Sixth Ward.

Indianapolis, Ind.—Bids will be received until June 25 by the Board of Public Works for the construction of main sewers in Central Ave. The estimated cost is $157,000. Noted Aug. 20.

Ottawa, Ill.—The lowest bid submitted for the construction of the Madison St. sewer was that of the Omaha Construction Co., Omaha, Neb., at $4530.

Quincy, Ill.—Bids will be received about Aug. 1 by the city for the construction of sewers in 13th, 24th, Oak and Spruce St. The estimated cost is $20,000. F. L. Hancock is Engr.

Wenona, Ill.—(Official)—The contract for the construction of a sewer system with septic tanks will be awarded by the Board of Local Improvements about July 20. F. H. Ong is City Clk. Noted May 13.

Elroy, Wis.—(Official)—Bids will be received until July 6 by William Flood, City Clk., for sewer construction.

Kohler, Wis.—Bids will be received until 8 p.m., June 30, by the Village Board, for the construction of sanitary sewer and storm drainage systems. J. Donohue, Sheboygan, is Engr.-in-Charge.

Milwaukee, Wis.—Bids will be received until June 29 by the city for the sale of $200,000 in bonds. The proceeds will be used for the construction of sewers. Noted May 27.

✚**Oshkosh, Wis.**—The contract for the construction of sanitary and storm sewers has been awarded to the LARSEN CONSTRUCTION CO., at $35,000. Noted May 20.

Plymouth, Wis.—Plans are being prepared for the construction of approximately one mile of sanitary sewers. H. A. Luedke is City Clk.

Sheboygan, Wis.—Bids will soon be received for the construction of 11,000 ft. of sanitary sewers. C. U. Boley is City Engr.

✚**Lake Mills, Iowa**—(Official)—Bids were received June 14 by O. M. Styve, Town Clk., for the construction of (a) sewers, (b) sewage-disposal plant and branch sewers as follows: W. F. REILY, St. Louis, Mo., (a) $10,372 (awarded contract), (b) $12,933 (awarded contract); Homery & Nelson, Emmetsburg, (a) $13,858, (b) $14,861; Moore-Sieg Construction Co., Waterloo, (a) $10,934, (b) $16,077; Cedar Rapids Construction Co., Cedar Rapids, (a) $11,514, (b) $16,316; M. S. Jackson, Cedar Rapids, (a) $11,381, (b) $17,325; Dearborn Construction Co., Waterloo, (a) $12,642, (b) $16,593; C. L. Hansen, Charles City, (a) $13,689; J. O. Hughes, Charles City, (b) $17,193; M. A. Camery, Harlan, (a) $14,909. M. Tschirgi & Sons, Cedar Rapids, is Engr. Noted June 10.

Laporte City, Iowa—The City Council has approved plans prepared by M. Tschirgi & Sons, Engr., American Trust Bldg., Cedar Rapids, for the construction of a sewer system. The estimated cost is $32,000. Noted May 20

Newton, Iowa—(Official)—Bids will be received until 7:30 p.m., June 29, by the City Clerk for the construction of a sewage-disposal plant and sewers. The estimated cost is $5000.

Ottumwa, Iowa—Bids will soon be received for the construction of approximately 1¼ miles of 8- to 15-in. sewers. J. T. Brady is Engr.

Eveleth, Minn.—(Official)—Bids will be received until 8 p.m., July 20, by C. H. Williams, City Clk., for the construction of a sewage-disposal plant. The estimated cost is $40,000. C. M. Dorway is City Engr. Noted May 27.

Glencoe, Minn.—Bids will be received until 7 p.m., June 29, by Peter Hatz, City Clk., for the construction of a main trunk sewer, lateral sewers and a 50,000-gal. Imhoff tank with outfall. J. F. Druar, St. Paul, Minn., is Consult. Engr.

St. Paul, Minn.—The lowest bid submitted for the construction of the Maplewood-Glenham Sewer System was that of Thornton Bros., at $22,300.

✚**Clay Center, Kan.**—The contract for the construction of sewers has been awarded to the B. C. S. CONSTRUCTION CO., Kansas City, Mo., at $7708.

Pratt, Kan.—Plans are being prepared by G. W. Ellis, Engr., for the extension of the sanitary sewers about four miles.

Topeka, Kan.—The contract will be awarded about Aug. 2 for the construction of the East Side sewer which will be approximately 20 miles long. The estimated cost is $210,000.

Lincoln, Neb.—Plans are being prepared for the construction of storm sewers in 23rd St. from R to W St. The estimated cost is $40,000. A. Dobson is Engr.

Wausa, Neb.—Plans are being prepared for the construction of sewers and a sewage-disposal plant. The estimated cost is $18,000. P. A. Edquist, Omaha, is Engr., and F. E. Anderson is City Clk.

✚**Butte, Mont.**—It is reported that the contract for the construction of storm sewers has been awarded to E. LINDSTROM, Billings, at $25,000. Noted Apr. 8.

Whitehall, Mont.—(Official)—Bids will probably be received about Aug. 15 for the construction of sewer and water systems. The estimated cost is $30,000. G. E. Baker is City Engr. Noted June 10.

✚**St. Louis, Mo.**—(Official)—Bids were received June 9 for the construction of the Maplewood Public Sewer No. 1 as follows: CONNEY CONSTRUCTION CO., $51,938 (awarded contract); N. B. Watters & Son, $44,860; Century Construction Co., $58,491; Kamp-Lewald Engineering Co., $68,874 ;John F. McMahon, $65,010; Strubel Helmich, $62,683; E. C. Davis, $82,-724; Thomas Connor & Sons, $97, 541; Fruin-Colnon Contracting Co., $90,233.

St. Louis, Mo.—The city contemplates the following sewer work: Baden Sewer, District No. 2, $49,000; Harlem Creek Sewer, District No. 12, $7900; Harlem Creek Sewer, District No. 13, $11,400; Penrose Joint District Sewer, $7600.

Austin, Tex.—At a recent election the citizens voted to issue $50,000 in bonds. The proceeds will be used for the construction of sanitary sewers. Noted May 13.

Beeville, Tex.—An election will be held July 12 to vote on the question of issuing $15,000 in bonds. The proceeds will be used for extending the sewer system 25,670 ft. Bartlett & Ranney, San Antonio, is Consult. Engr. Noted June 17.

Houston, Tex.—The State Attorney General has approved a bond issue of $500,000 for the construction of sanitary sewers.

West, Tex.—An election will be held in July to vote on the question of issuing $12,000 in bonds. The proceeds will be used for the construction of a sewer system.

Mesa, Ariz.—Plans are being prepared by H. Hancock, Engr., Phoenix, for the construction of a sewer system. The estimated cost is $75,000. Noted June 3.

✚**Chehalis, Wash.**—(Official)—The contract for the construction of a sewer system has been awarded to HURD & DECAMP, Spokane, at $17,575. Noted June 3.

Port Angeles, Wash.—The lowest bid submitted for the construction of a sewer system was that of Metler & Coyne, Port Angeles, at $37,804.

Port Angeles, Wash.—Bids will be received until June 29 by J. L. Beam, City Clk., for the construction of a sewer system in the North Side. The estimated cost is $50,000.

Pullman, Wash.—The city contemplates the construction of trunk, lateral and subsewers estimated to cost $10,000. M. F. Gannon is Clk.

Seattle, Wash.—Plans have been approved by the Board of Public Works for the construction of sewers estimated to cost $50,000. Bids will be received about July 1 by L. B. Young, Chn., Bd. of Pub. Wks.

Beaverton, Ore.—Louis C. Kelsey, Consult. Engr., Portland, is preparing plans for the construction of a sewer system. Bids will be received early in July. The estimated cost is $25,000.

Mt. Angel, Ore.—Plans are being prepared by Louis C. Kelsey, Consult. Engr., Portland, for the construction of a sewer system and a septic tank. The estimated cost is $10,000. Noted Oct. 1.

✚**North Bend, Ore.**—(Official)—The contract for sewer construction has been awarded to EDWARD SANDEBERG, Portland, at $16,438. Other bids were: C. G. Randler, Portland, $19,125; J. Olsen-Bodi Co., Portland, $22,473; James Kennedy, Portland, $17,929; Livingston Construction Co., Coquille, $23,-463; McLain & McLain, Marshfield, $21,500; Tibbetts-Pacific Co., San Francisco, Calif., $17,221. Noted June 3.

Alameda, Calif.—Bids will be received until 7:30 p.m., July 6, by R. E. Bosshard, City Clk., for sewer construction.

Alameda, Calif.—The city contemplates the construction of a sewer in Arbor St. with an outlet to the Brooklyn basin. The estimated cost is $10,000.

Corning, Calif.—(Official)See item under "Water Supply—Irrigation."

★**Imperial, Calif.**—(Official)—Bids will be received until 8 p.m., July 14, by L. Toste, City Clk., for the sale of $65,000 in bonds. The proceds will be used for the construction of a part of a sewer system that will pass through the city from El Centro. Noted June 10.

✚**Los Angeles, Calif.**—The contract for the construction of sewers in Washington St. from Greenshaw Blvd. to Fifth Ave. has been awarded to ADAM DALMATIN, at $10,460. Noted June 17.

San Diego, Calif.—The city contemplates the construction of a septic tank to replace the South septic tank and the construction of sewers.

✚**San Francisco, Calif.**—The Board of Public Works has awarded the contract for the construction of a sewer in Fifth Ave. from Howard to Brannan St. to the HEALY-TIBBITTS CONSTRUCTION CO., at $65,000. Noted June 3.

Stockton, Calif.—(Official)—At a recent election the citizens voted to issue $550,000 in bonds. The proceeds will be used for the construction of storm water and sanitary sewer systems. George W. Pulich is City Clk. Noted May 27.

Visalia, Calif.—An election will soon be held to vote on the question of issuing $65,000 in bonds. The proceeds will be used for the construction of additions to the sewer system.

Brantford, Ont.—Plans have been prepared for the construction of sanitary sewers in Burford, Sterling and Water St. The estimated cost is $6000. T. H. Jones is Engr.

✚**Winnipeg, Man.**—The contract for the construction of two sections of the Jefferson Ave. sewer has been awarded to THOMAS JACKSON & SON, at $105,727.

✚**Winnipeg, Man.**—The contract for sewer pipe has been awarded to the ONTARIO SEWER PIPE CO., at $6410.

Vancouver, B. C.—Bids will soon be received for the following sewer work: 20th St. sewer, $20,000; 19th St. sewer, $14,500; Victoria Drive sewer, $12,000; 14th and 15th St. sewer, $16,000.

GARBAGE

West Hoboken, N. J.—(Official)—Bids will be received until 8 p.m., June 30, by the town for the removal of ashes and garbage. A. Q. Wachlin is Town Clk.

Roanoke, Va.—Bids will be received until June 29 by P. H. Tucker, City Clk., for motor street-sweeping machines.

Galesburg, Ill.—The installation of an incinerator by the Alis Garbage Disposal Co., Peoria, is under consideration.

✚**Rock Island, Ill.**—The contract has been awarded to the FLASCH INCINERATOR CO., Conway Bldg., Chicago, at about $16,000, for installing an incinerator. Noted Dec. 3 and Mar. 18.

✚**Minneapolis, Minn.**—(Official)—The contract has been awarded to STACY-BATES CO., McKnight Bldg., Minneapolis, for the installation of a 50-ton Decarie incinerator. Bonds for $18,000 have been voted.

STREETS AND ROADS

Burlington, Vt.—(Official)—All bids received June 15 by the Board of Street Commissioners for constructing walks, curbs and gutters were rejected. Noted May 27.

Blackstone, Mass.—Press reports state that the Town Council has appropriated $8000 for laying granolithic sidewalks on Main St. James H. McCoey is Chn. of Selectmen.

Boston, Mass.—(Official)—Bids will be received until noon, June 28, by the Commisisoner of Public Works, for paving Peacevale Rd. from Norfolk St. to Dunbar Ave., Dorchester District.

Boston, Mass.—Bids will be received until June 29 by the State Highway Commissioner for the construction of 3700 lin.ft. of road in Danvers. Arthur W. Dean, 15 Ashburton Pl., is Ch. Engr.

Boston, Mass.—(Official)—Bids will be received until noon, June 29, by the State Highway Commission for 7500 bbl. of portland cement.

Hubbardston, Mass.—The town will build about 6000 ft. of state highway this summer, having received a grant of $2000 from the state, and $1000 from the county. The town will receive $500 from the small town act and appropriate $1000, making $4500 in all.

✚**Newton, Mass.**—(Official)—A contract for constructing artificial stone curbing, walks and driveways has been awarded to the SIMPSON BROS. CORPORATION. Noted May 6.

Tiverton, R. I.—(Official)—Bids will be received until 2:30 p.m., July 3, by the Town Clerk for constructing the Stafford Rd. Edward M. Corbett, 70 Bedford St., Fall River, Mass., is Engr.

✚**Woonsocket, R. I.**—The contract for paving West School, South Main and Clinton St. has been awarded to the SIMPSON BROS. CORPORATION, Boston, at $43,000. Noted May 6.

★**Meriden, Conn.**—(Official)—Bids will be received until 8 p.m., June 29, by the Board of Public Works for constructing wood block, vitrified brick and reinforced-concrete pavements on East and West Main St.

Stamford, Conn.—Bids will be received until June 30 by the Common Council for paving a portion of Summer St. Paul Nash is City Engr.

★**Albany, N. Y.**—(Official)—Bids will be received until 1 p.m., July 13, by Edwin Duffey, State Highway Comr., for improving highways in various counties, also, until 1 p.m., July 15, for constructing and repairing highways in various counties.

✚★**Albany, N. Y.**—(Official)—Bids were received June 16 by Edwin Duffey, State Highway Comr., for constructing highways as follows:

Road No. 1239, Broome County, 0.68 mile: LANE CONSTRUCTION CORPORATION, Meriden, Conn., $10,738 (awarded contract); Joseph W. Heisler & Co., Schenectady, $10,919; Nash & Griffin, Norwich, $11,089; James T. Moore, Elmira, $11,273; George Holler, Albany, $11,294; W. E. Bennett, Lanesboro, Penn., $11,627; Paddleford & King, Sherburne, $11,877; Juniata Co., Philadelphia, Penn., $11,878; Newman Concrete Road Co., Athens, Penn., $11,994; Port Jervis Construction Co., Port Jervis, $12,230; William C. Evans, Ambler, Penn., $12,382; Joseph Walker Construction Co., Albany, $12,523.

Road No. 1241, Broome County, 2.32 miles: LANE CONSTRUCTION CORPORATION, Meriden, Conn., $20,750 (awarded contract); F. P. Meckes, Long Pond, Penn., $23,138; John H. Gordon, Albany, $23,742; Juniata Co., Philadelphia, Penn., $23,-911; James T. Moore, Elmira, $24,049; Paddleford & King, Sherburne, $24,087; Joseph Walker Construction Co., Albany, $24,152; William C. Evans, Ambler, Penn., $24,495; George Holler, Albany, $25,086; Joseph McCormick, East Providence, R. I., $25,328; John F. Dolan Contracting Co., New York, $26,273.

Road No. 1273, Delaware County, 2.50 miles: BLANKFIELD & DONOVAN, Kingston, $23,650 (awarded contract); Ruddy-Saunders Construction Co., Troy, $24,112; De Graff & Hogeboom, Inc., Kingston, $24,168; John A. Jova, Inc., Newburgh, $25,431; William C. Evans, Ambler, Penn., $26,370.

Road No. 5554, Fulton County, 4.58 miles: C. W. Tryon, Boyntonville, $42,030; Clarence Walsh & Co., Gloversville, $42,-507; LANE CONSTRUCTION CORPORATION, Meriden, Conn., $43,369 (awarded contract); Dale Engineering Co., Utica, $44,-326; Gallway & Co., New York, $45,250; E. T. Eggleston, Yonkers, $45,404; D. I. Snell & Co., Canajoharie, $45,737; Brady-Oltarsh Construction Co., Inc., New York, $46,579; John A. Jova, Inc., Newburgh, $46,739; Criswell & Mallory, Inc., Mechanicsville, $48,906; Martin Murray & Co., Troy, $48,987; McNerney Construction Co., Canton, Penn., $49,462.

Road No. 1098, Hamilton County, 4.22 miles: John J. Guinan Contracting Co., Brooklyn, $38,258; JOHN J. LEWIS, Albany, $38,473 (awarded contract); John A. Jova, Inc., Newburgh, $40,892; Dale Engineering Co., Utica, $40,921; Gallway & Co., New York, $40,947; Brady-Oltarsh Construction Co., Inc., New York, $42,020; Juaniata Co., Philadelphia, $42,656; Peter F. Connolly Co., Horseheads, $43,298; John H. Gordon, Albany, $43,410; Young & Hyde, New York, $43,729; Ft. Schuyler Construction Co., Inc., Oneida, $43,756.

Road No. 1100, Hamilton County, 4.54 miles: GALLAWAY & CO., New York, $43,720 (awarded contract); J. D. Moynehan & Co., Inc., Mohawk, $4,575; Brady-Oltarsh Construction Co., Inc., New York, $44,924; Langan Construction Corporation,

Albany, $45,113; Fred E. Ellis, Melrose, Mass., $46,753; James Anderson, Albany, $48,042.

Road No. 5332-B, Louis County, 6.86 miles: SPELLMAN-OLIVER CO., Chateaugay, $72,552 (awarded contract); Fred E. Gross & Son, Yonkers, $73,572; Cattaraugus Engineering Co., Olean, $75,309; Thomas Grady, Rochester, $75,426; Richard Hopkins, Troy, $75,666; Juniata Co., Philadelphia, Penn., $75,-946; McNerney Construction Co., Canton, Penn., $76,107; Weed & Walsh, Mechanicsville, $76,146; Brady-Oltarsh Construction Co., Inc., New York, $76,632; E. T. Eggleston, Yonkers, $76,742.

Road No. 1283, Monroe County, 4.54 miles: CLEVELAND & SONS CO., Brockport, $33,561 (awarded contract); Chambers & Barnes, Rochester, $34,178; Whitmore-Rauber & Vicinius, Rochester, $34,299; Harold J. Shields, Albany, $34,963; Brady-Oltarsh Construction Co., Inc., New York, $34,971; Galway & Co., New York, $34,972; Morrissey & Quinn, Inc., Rochester, $35,431; J. W. Brennan Construction Co., Inc., Geneva, $35,525; McNerney Construction Co., Canton, Penn., $35,525; John C. Bradley & Co., Corning, $35,883.

Road No. 1284, Monroe County, 6.05 miles: Fred E. Gross & Sons, Yonkers, $35,274; PETER F. CONNOLLY CO., Horseheads, $35,754 (awarded contract); Cleveland & Sons, Brockport, $36,116; E. R. Weed & Son, Holley, $37,037; Dale Engineering Co., Utica, $37,894; Greece Construction Co., Rochester, $37,947; McNerney Construction Co., Canton, Penn.,$38,641; John M. Fitzwater, Rush, $39,063; John Johnson Construction Co., Buffalo, $39,516; Whitmore-Rauber & Vicinius, Rochester, $39,660; George Holler, Albany, $39,662.

Road No. 5560, Niagara County, 1.32 miles: JOHN W. LANDEL, Tonawanda, $29,719 (awarded contract); Dunkirk Construction Co., Dunkirk, $29,970; McNerney Construction Co., Canton, Penn., $30,578; Fred W. Knickenberg, Buffalo, $31,309; John Johnson Construction Co., Buffalo, $31,861; Cattaraugus Engineering Co., Olean, $32,838; C. B. Whitmore & Co., Lockport, $32,848.

Road No. 5561, Niagara County, 4.42 miles: FRED W. KNICKENBERG, Buffalo, $53,854 (awarded contract); John W. Landel, Tonawanda, $54,618; Dunkirk Construction Co., Dunkirk, $55,040; Servis & Mackey, Youngstown, $55,702; J. A. Culkin, Oswego, $56,135; Crescent Concrete Co., Buffalo, $56,-624; Criswell & Mallory, Inc., Mechanicsville, $57,332; McNerney Construction Co., Canton, Penn., $57,394; Woolsey Construction Co., Poughkeepsie, $57,918.

Road No. 5562, Niagara County, 2.33 miles: McNERNEY CONSTRUCTION CO., Canton, Penn., $41,121 (awarded contract); Fred W. Knickenberg, Buffalo, $41,838; John F. Dolan Contracting Co., New York, $43,617; Woolsey Construction Co., Poughkeepsie, $43,696; Servis & Mackey, Youngstown, $43,826; J. A. Culkin, Oswego, $44,128; John Johnson Construction Co., Buffalo, $45,175; Cattaraugus Engineering Co., Olean, $45,452; C. B. Whitmore Co., Lockport, $47,991; F. J. Mumm Contracting Co., Buffalo, $53,592.

Road No. 1074, Onondaga County, 1.91 miles: JOHN DAVIN, Syracuse, $40,977 (awarded contract); Antonio Mando, Syracuse, $42,145; William H. Ring Contracting Co., Ogdensburg, $43,245; M. J. Gleason & Co., Syracuse, $43,274; Frank L. Malone, Syracuse, $43,300; Fred E. Gross & Son, Yonkers, $44,406; C. T. Hookway Construction Co., Syracuse, $44,843; Phelan & Sullivan, Utica, $44,992; Sullivan Construction Co., Syracuse, $45,030; Guy S. Dickison, Syracuse, $45,358; Criswell & Mallory, Inc., Mechanicsville, $45,678; Cattaraugus Engineering Co., Olean, $45,888.

Road No. 582, Orleans County, 2.46 miles: Brady-Oltarsh Construction Co., Inc., New York, $20,122; Thomas Hucknall, Albion, $22,568; GREECE CONSTRUCTION CO., Rochester, $23,171 (awarded contract); Chambers & Barnes, Rochester, $23,499; Rhody & Clawson, Albion, $23,908; Wood & Tompkins, Hilton, $24,177; Fred E. Gross & Sons, Yonkers, $24,204; McNerney Construction Co., Canton, Penn., $24,439; Thomas Holohan, Rochester, $24,543; Thomas Grady, Rochester, $24,844.

Road No. 1293, Orleans County, 1.80 miles: GOODRICH & TRUESDALE, Barnard, $17,005 (awarded contract); Rhodey & Clawson, Albion, $17,593; McNerney Construction Co., Canton, Penn., $18,055; E. R. Weed & Son, Holley, $18,270; Fred W. Knickenberg, Buffalo, $18,337; Cattaraugus Engineering Co., Olean, $18,533.

Road No. 1120, Rensselaer County, 0.34 mile: MARTIN MURRAY & CO., Troy, $15,058 (awarded contract); Belmar Contracting Co., Inc., Troy, $15,290; Abner H. Harper, Inc., Newburgh, $15,395; Gleason & Davitt, Albany, $15,520; Philip Dorlon, Troy, $16,286; Gifford Construction Co., Jamaica, $16,-341; Thomas H. Karr, Troy, $16,411; County Construction Co., Troy, $16,512; George Holler, Albany, $16,673; Parker-Hassam Paving Co., Worcester, Mass., $16,741; Edward J. O'Brien, Stillwater, $16,908.

Road No. 1164, Rensselaer County, 0.88 mile: GLEASON & DAVITT, Albany, $7,976 (awarded contract); Edward Hendert, Averillpark, $8033; George Holler, Albany, N. Y., $8187; County Construction Co., Troy, $8307; Thomas H. Karr, Troy, $8686; John Flynn, Jr., Troy, $8857; Berman Contracting Co., Inc., Troy, $8932.

Road No. 5563, Niagara County, 5.07 miles: CATTARAUGUS ENGINEERING CO., Olean, $74,706 (awarded contract); McNerney Construction Co., Canton, Penn., $75,924; John Johnson Construction Co., Buffalo, $76,041; Woolsey Construction Co., Poughkeepsie, $76,311; John W. Landel, Tonawanda, $76,-811; C. B. Whitmore Co., Lockport, $79,876.

Road No. 5559, Oneida and Herkimer Counties, 8.89 miles: C. W. TRYON, Boyntonville, $67,990 (awarded contract); Fred E. Gross & Sons, Yonkers, $68,834; Semper Bros., Watertown, $69,393; J. G. Hayes Co., Inc., Rome, $71,782; Dale Engineering Co., Utica, $72,888; Brady-Oltarsh Construction Co., Inc., New York, $74,932; Criswell & Mallory, Inc., New York, $74,932; Criswell & Mallory, Inc., Mechanicsville, $75,010; E. T. Eggleston, Yonkers, $75,536; B. F. S. Co., Herkimer, $76,127; Peter F. Connolly Co., Horseheads, $76,853; Newport Construction Co., Herkimer, $77,292.

Road No. 1072, Onondaga County, 3.06 mile: PHELAN & SULLIVAN, Utica, $53,321 (awarded contract); Frank S. & Anthony Sporato, Syracuse, $55,709; Antonio Mondo, Syracuse, $55,709; Albert Gaffey, Syracuse, $56,434; Richard Hopkins, Troy, $57,849; Chambers & Barnes, Rochester, $57,892; Newport Construction Co., Herkimer, $59,335; Dana W. Robbins, Inc., New York, $59,657; Fred E. Gross & Sons, Yonkers, $60,-725; McNerney Construction Co., Canton, Penn., $61,512.

Road No. 1073, Onondaga County, 7.23 miles: CRISWELL-MALLORY CO., INC., Mechanicsville, $85,388 (awarded contract); Fred E. Gross & Son, Yonkers, $86,761; Chambers & Barnes, Rochester, $89,099; Albert Gaffey, Syracuse, $89,768; Gallway & Co., New York, $89,953; J. H. Weidman, Syracuse, $90,159; Thomas Grady, Rochester, $90,670; John H. Gordon, Albany, $92,192; M. J. Gleason & Co., Syracuse, $92,297; Sullivan Construction Co., Syracuse, $92,526; C. W. Tryon, Boyntonville, $92,819; Weed & Walsh, Mechanicsville, $93,579. Noted June 3.

★**Albany, N. Y.**—(Official)—Bids will be received until 1 p.m., July 7, by Edwin Duffey, State Highway Comr., for repairing highways in various countries.

Buffalo, N. Y.—The Common Council plans to pave Frontenac, Lyndhurst and Virgil Ave. with asphalt.

✚**Little Falls, N. Y.**—The contract for paving and curbing a portion of East Monroe St. has been awarded to WARREN BROS. CO., at $22,959.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by L. H. Pounds, Borough Pres., until 11 a.m., June 30, for regulating, repaving, grading, etc., various streets in the borough.

New York, N. Y.—(Borough of Queens)—(Official)—Bids were received June 18 by Maurice E. Connolly, Borough Pres. for improving (a) Fourth Ave. from Jackson to Washington Ave., (b) 12th Ave. from Grand to Jamaica Ave., (c) Payntar Ave. from Sherman to Crescent St., (d) Stephens St. from Wyckoff to Seneca (Covert) Ave., (e) Freeman Ave. from Crescent to Jackson Ave. as follows: Evergreen Construction Co., 130 Third Ave., Long Island City, (a) $4701, (c) $20,826; Gifford Construction Co., (a) $4746; C. Vanderbilt, (a) $5166, (c) $21,925; Welsch Bros., (a) $4790; Clancy & Nuhn, (a) $5945, (c) $20,612; C. A. Myers Contracting Co., Cypress and Willows Ave., Brooklyn, (a) $4838, (c) $20,737; Barber Asphalt Paving Co., (b) $7177, (d) $8587, (e) $18,400; Sicilian Asphalt Paving Co., 41 Park Row, (b) $5335, (d) $6643; Aztec Paving Co., (b) $5843, (d) $7799; Borough Asphalt Co., (b) $5595, (d) $6960, (e) $17,824; Uvalde Asphalt Paving Co., (b) $5406, (d) $6730; Queens Plaza, (c) $22,944; H. J. Mullen Contracting Co., (c) $20,798; Hastings Paving Co., 25 Broad St., (e) $17,824. Noted June 10.

✚**Troy, N. Y.**—The contract for paving Hoosick St. from 10th St. to the city line has been awarded to the PARKER HASSAM PAVING CO., at $51,226. Noted May 27 and June 10.

Troy, N. Y.—Bids will be received until 11 a.m., June 25, by the Board of Contract and Supply for improving Glen Ave. from River St. to Winnie Ave.

✚**Troy, N. Y.**—The contract for repaving Fourth St. from Congress to Fulton St. with granite block has been awarded to the PARKER HASSAM PAVING CO., at $22,949. Noted May 27 and June 10.

✚**Victor, N. Y.**—The contract for paving Main and Cedar St. has been awarded to the SCHROEDER-HICKS CONTRACTING CO., Rochester, at approximately $23,272. Noted Apr. 22.

★**Belvidere, N. J.**—(Official)—Bids will be received until 11:45 a.m., July 2, by the Board of Chosen Freeholders of Warren County for surface treatment of 194,000 sq.yd. of the county highways in Warren County, also for repairs to the macadam road leading from Hackettstown to Allamuchy. J. R. Thatcher is Dir. of Bd.

East Orange, N. J.—The Finance Committee of the City Council has approved an appropriation of $92,500 for the maintenance of city roads during the current year.

Florence, N. J.—Press reports state that the Township Council plans to issue $65,000 in bonds, the proceeds of which will be used for paving and curbing the principal thoroughfares.

Keyport, N. J.—Bids will soon be received by the town for laying a new concrete road on Broad St. George D. Cooper is Engr.

✚**Newark, N. J.**—The contract for constructing a concrete roadway on Springfield Ave. has been awarded to the FRANKLIN CONTRACTING CO., Vanderbilt Ave., New York, at approximately $13,500. Noted June 10.

Newark, N. J.—Bids were received June 17 for paving Ferry St. from Market to Merchant St. as follows: Glenfield Construction Co., Newark, $34,261; John E. Donovan, $36,531; John S. Geiger & Son, Newark, $35,400; Van Keuren & Son, $35,153; Newark Paving Co., $36,094; Ralph Sangiovanni, $35,454. Noted May 20 and June 3.

Newark, N. J.—According to press reports the City Council has authorized the expenditure of $51,000 to pay the additional cost of widening Center St. at Mulberry St.

New Brunswick, N. J.—(Official)—Bids were received June 15 by the Commissioners of Middlesex County for improving St. George's Ave., as follows: T. F. Dunigan, Woodbridge, $65,819; Northern Construction Co., $69,882; Liddle & Pfeiffer, Perth Amboy, $65,286; M. I. Demarest, Sewaren, $67,059; T. H. Riddle, New Brunswick, $67,043; Utility Construction Co., $72,014; Weldon Contracting Co., Rahway, $68,446; Garafano Contracting Co., $64,403. All bids referred to the Road Committee. Noted Apr. 29 and June 10.

New Brunswick, N. J.—Press reports state that the Board of Chosen Freeholders of Middlesex County will improve the Bonhamtown-Woodbridge Rd., Third Ave., Highland Park, and the Keasbey Rd., Woodbridge.

Passaic, N. J.—C. R. Wise, Engr., Municipal Bldg., Passaic, is preparing plans for paving Summer St. with asphalt-bound macadam.

Ridgefield Park, N. J.—The town is considering paving Brinkerhoff St. with amiesite.

✚**Allentown, Penn.**—Contracts have been awarded for paving 17th St. from Howard to Maple St. and East Hamilton St. and Hanover Ave. to the BARBER ASPHALT PAVING CO., at $1.75 and $1.76 per sq.yd. respectively.

★**Lebanon, Penn.**—(Official)—Bids will be received until 5 p.m., July 1, by the City Council for paving portions of Eighth, Ninth and Lehman St. T. R. Crowell is City Engr. and D. M. Sharp is City Clk.

Philadelphia, Penn.—(Official)—Bids were received for improving the Northeast Blvd. from Rhawn St. northward, including the branches, as follows: McNichol Paving &

Construction Co., 1923 Cherry St., $285,546; Bower & Ruch, Wayne and Roberts Ave., $303,273; James McGraw Co., 1010 Commercial Trust Bldg., $397,219. Noted June 3.

✚**Pittsburgh, Penn.**—A contract for 15,000 tons of asphalt mixture to be used in the resurfacing of the Allegheny County roads has been awarded to the BOOTH & FLINN CO., LTD. Noted June 3.

✚**Pittsburgh, Penn.**—(Official)—Contracts have been awarded for constructing roads in Allegheny County as follows: Middletown Rd. and Oakwood Rd. to M. OTT & CO., at $31,013 and $9990 respectively; Wible and Thompson Rd. to JOHN FOLEY, at $34,815; Bower Hill Extension Rd. and Jacks Run Rd. to COLLINS-GORDON CO., at $4369 and $28,969, respectively. Noted June 3.

Scranton, Penn.—The City Council plans to pave Wyoming Ave. from Larch to Marion Ave. with sheet asphalt, at an estimated cost of $22,749.

Wesleyville, Penn.—At a recent election the citizens voted in favor of issuing $81,000 in bonds, the proceeds of which will be used for paving Buffalo Rd.

★**Cumberland, Md.**—(Official)—Bids will be received until 9:30 a.m., July 7, by the City Council for improving Baltimore St.

Frederick, Md.—Bids will be received until July 3 by the Commissioners of Frederick County for constructing approximately 1.83 miles of State Aid road near Petersville, and 1.04 miles in Brunswick.

Roland Park, Md.—Press reports state that the residents of Roland Park and vicinity have raised about $21,000 toward the improvement of Roland Ave. from the end of the present pavement to Lake Ave. The estimated cost is $50,000.

Broad Oaks, W. Va.—Press reports state that an election will be held June 30 to vote on the question of issuing $22,500 in bonds for street paving.

Pineville, W. Va.—The citizens of Wyoming County will hold an election June 28 to vote on the question of issuing $550,000 in bonds. The proceeds will be used for the construction of roads.

Spencer, W. Va.—At a recent election the citizens voted to issue $100,000 in bonds. The proceeds will be used for the construction of roads in Duval District, Roane County.

Gastonia, N. C.—An election will be held Aug. 3 to vote on the question of issuing $150,000 in bonds. Part of the proceeds will be used for road construction in Gastonia County.

✚**Atlanta, Ga.**—The contract for paving Grant St. with wood blocks has been awarded to JAMESON HOLLOWELL, at $20,000.

Folkston, Ga.—The city contemplates holding an election to vote on the question of issuing $100,000 in bonds. Part of the proceeds will be used for the construction of roads in Charlton County.

Bradentown, Fla.—An election will be held some time in July to vote on the question of issuing $9000 in bonds. The proceeds will be used for grading streets.

Bradentown, Fla.—The Manatee County Parish Road and Bridge Districts will hold an election July 19 to vote on the question of issuing $110,400 in bonds. The proceeds will be used for the construction of roads.

Brooksville, Fla.—The city contemplates paving Main St.

De Land, Fla.—An election will be held July 13 to vote on the question of issuing bonds for $90,000, the proceeds of which will be used for the construction of roads in Volusia County, Orange City District.

Lake City, Fla.—All bids received May 31 for paving various streets, estimated to cost $20,000, were rejected. Noted May 20.

Anniston, Ala.—According to press reports the Commissioners of Calhoun County will survey a road through the mountains from Anniston to Heflin.

Birmingham, Ala.—Julian Kendrick, City Engr., and George Clark, County Engr., will survey routes for the construction of three highways between Birmingham and the Warrior River.

Fayette, Ala.—Bids will be received until July 6 by the Fayette County Commissioners for graveling a section of the Fayette and Tuscaloosa Rd. The estimated cost is $4616.

✚**Huntsville, Ala.**—The Board of Commissioners of Madison County has awarded the contract to FRANK POWELL, at $11,500, for building the Big Cove Pike. Noted May 13.

Gulfport, Miss.—The Harrison County Supervisors contemplate the construction of a beach road from Gulfport to Biloxi.

★**Chattanooga, Tenn.**—(Official)—Bids will be received until 10 a.m., July 9, by E. D. Bass, Comr. Dept. Streets and Sewers, for repaving portions of market and East Ninth St.

Elizabethton, Tenn.—An election will be held July 5 to vote on the question of issuing $360,000 in bonds. The proceeds will be used for the construction of roads in Carter County.

Maryville, Tenn.—A bond issue of $300,000, the proceeds of which was to have been used for the construction of roads, has been declared illegal. Noted Feb. 11.

Maynardville, Tenn.—The Commissioners of Union County contemplate an expenditure of $100,000 for improving roads in the county.

Sweetwater, Tenn.—An election will be held July 22 to vote on the question of issuing $15,000 in bonds. The proceeds will be used for street improvements. W. T. Lenoir is Mayor.

Carlisle, Ky.—The Nicholas County Fiscal Court rejected all bids received for the construction of the Carlisle and Sharpsburg Turnpike. Noted Jan. 28 and Mar. 18.

✚**Hopkinsville, Ky.**—A contract for resurfacing and constructing approximately 10 miles of roads has been awarded to C. D. McQUARY, Adams, Tenn., at $40,000.

✚**Lancaster, Ky.**—A contract for constructing approximately eight miles of macadam road in Garrard County has been awarded to HUGHES BROS., Lancaster.

Lexington, Ky.—The city contemplates paving South Broadway and Angliand St.

✚**Bellevue, Ohio**—(Official)—The contract for paving a portion of South West St. with brick has been awarded to R. L. GREENSLADE, 314 West Main St., Bellevue, at $5545. Noted June 17.

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 9, by the Commissioners of Hamilton County for widening and macadamizing Plainfield Rd. from Montgomery Pike at Silverton to Woodford Rd. at Kennedy, in Columbia Township.

✚**Cincinnati, Ohio**—The contract for improving the Werk Rd. has been awarded to JOHN NICKOSEN, at $9717. Noted May 20.

Columbus, Ohio—(Official)—Bids will be received until 2 p.m., June 29, by the State Highway Commissioner for improving roads in various counties.

✚**Columbus, Ohio**—Contracts have been awarded for paving as follows: Weaver St. from Tompkins to Maynard St. to B. F. PETTERSON, Columbus, at $6739; Indianaola Blvd. from Summit to Fourth St. to the CLEVELAND TRINIDAD PAVING CO., Cleveland, at $4658; Richmond Ave. to A. G. PUGH, at $8162.

Lorain, Ohio—Bids will be received until July 13 by George N. Damon, City Audr., for the sale of $16,000 in bonds, the proceeds of which will be used for improving streets.

✚**New Boston, Ohio**—(Official)—A contract for constructing 60,138 sq.yd. of pavement and 35,090 lin.ft. of combined concrete curb and gutter has been awarded to KELLY BROS., Portsmouth, at $93,016. Noted June 6.

Polk, Ohio—Bids will be received until noon, July 2, by Frederick Hartsel, Clk., Bd. of Trustees of Jackson Township, for improving and paving 10 miles of roadway in Jackson Township. R. T. Scantlebury, Ashland, Ohio, is County Engr. Noted May 27.

✚**Struthers, Ohio**—The contract for paving Broad St. has been awarded to M. P. CONNELLY & SON, at $8720.

Tiffin, Ohio—(Official)—Bids will be received until July 25 by O. J. Oberlander, City Engr., for improving four streets.

✚**Auburn, Ind.**—The contract for constructing the Butler-Jackson Township line road has been awarded to DAVENPORT & McREYNOLD, Kokomo, at $19,600.

✚**Franklin, Ind.**—The Commissioners of Johnson County have awarded the contract to HOVEY BROS., Trafalgar, at $4820 for constructing a gravel road in Pleasant Township.

✚**Richmond, Ind.**—The contract for paving approximately 10 blocks of North A St. has been awarded to the ANDREWS ASPHALT PAVING CO., at $36,000. Noted Apr. 22.

Hancock, Mich.—(Official)—The City Council will pave Front and Reservation St. The work will be done by the city forces. Noted erroneously June 10 as Houghton, Mich.

Manistique, Mich.—Press reports state that bonds for $75,000 were sold, the proceeds of which will be used for constructing and improving roads in Schoolcraft County. Noted May 13.

✚**Newberry, Mich.**—A contract for constructing 5½ miles of road in Luce County has been awarded to GUST FREDUN, Norway, Mich.

✚**Sault Ste. Marie, Mich.**—(Official)—The contract for paving Portage Ave. from Bingham Ave. to the Portage Ave. bridge has been awarded to the CLEVELAND TRINIDAD PAVING CO., Cleveland, Ohio. Noted May 27.

Cairo, Ill.—Bids will be received until 11 a.m., June 28, by W. H. Ward, Pres. of the Bd. of Local Impv., for paving in District No. 2.

Elgin, Ill.—(Official)—Bids will be received until 11 a.m., June 26, by the city for improving a portion of North State St. Morgan H. Brightman is Engr.

Rock Island, Ill.—The Board of Local Improvements has approved the plans for paving Ninth St. with brick, at an estimated cost of $84,749.

Springfield, Ill.—(Official)—Bids will be received until 11 a.m., June 30, by the State Highway Commission for constructing roads in various counties.

Milwaukee, Wis.—All bids received for paving Grand St. from Fourth to Ninth St. have been rejected. New bids will soon be asked. F. G. Simmons is Comr. of Pub. Wks. Noted May 27.

New London, Wis.—All bids received June 1 for constructing approximately 1½ miles of road were rejected. Noted May 20.

✚**Racine, Wis.**—The contract for paving Center St. with vitrified brick has been awarded to JAMES CAPE & SON, Racine, at $2.12 per sq.yd.

✚**Stevens Point, Wis.**—A contract for constructing concrete pavements and grading in Portage County has been awarded to the GURFEY & WIRZENBERG CO., Kaukauna, at approximately $15,000.

✚**Two Rivers, Wis.**—(Official)—A contract for grading, curbing and macadamizing portions of various streets has been awarded to ERNEST J. THIEDE, Two Rivers, at $22,111. Other bids were: Murphy Construction Co., $22,273; Walter O. Barr, $25,345. Noted June 10.

✚**Wausau, Wis.**—The contract for paving the Rothschild and Cedar Creek Roads has been awarded to WINNE & JUSTESEN, Wausau, $21,000.

Oakland, Iowa—Press reports state that bids will be received until June 28 for laying 11,000 yd. of brick or concrete pavement. J. H. Mayne, 235 Merriman Bldg., Council Bluffs, is Engr.

Duluth, Minn.—(Official)—We are advised that the City Council contemplates paving Grand Ave. with brick, at an estimated cost of $132,000.

✚**Duluth, Minn.**—The contract for paving Commonwealth Ave. with brick has been awarded to ROGERS & McLEAN, at $38,728.

Fairmont, Minn.—Bids will be received until 8 p.m., June 29, for laying 24,000 sq.yd. of pavement and 6000 lin.ft. of curbing. Frank O. Jones is City Engr.

Virginia, Minn.—(Official)—The City Council has voted to pave Ash St., Grand and Central Ave., at an estimated cost of $54,000.

✚**Chanute, Kan.**—The contract for paving South Malcom St. with brick has been awarded to the VAN HOFFTEN CONSTRUCTION CO., Joplin, Mo., at $11,794.

✚**Topeka, Kan.**—A contract for constructing 76,000 sq.ft. of concrete sidewalks has been awarded to ROY DILL, Manhattan, Kan.

✚**Lebanon, Mo.**—(Official)—A contract for constructing macadam and concrete pavements and curbs in various streets has been awarded to WOLFF BROS., Jefferson City, Mo., at $12,500. Noted June 10.

Austin, Tex.—Press reports state that the citizens voted in favor of issuing $425,000 in bonds, the proceeds of which will be used for improving streets and building bridges.

Corsicana, Tex.—(Official)—Bids will be received until noon, July 6, by J. A. Harper, City Secy., for improving West Seventh Ave. from South 18th St. to South 28th St.

✚**Dallas, Tex.**—Contracts have been awarded for paving as follows: Oak Lawn, Caddo and Sycamore St. to UVALDE ROCK ASPHALT CO., at $69,381; Bishop St. to LEVY & LEVY, at $38,557; Bellevue St. to the TEXAS BITULITHIC CO., Dallas, at $22,607.

Jourdanton, Tex.—Press reports state that the city will sell $10,000 in bonds, the proceeds of which will be used for improving a number of streets. Noted May 20.

Orange, Tex.—(Official)—An election will be held July 20 to vote on the question of issuing $25,000 in bonds, the proceeds of which will be used for improving a number of streets.

McAlester, Okla.—Bids were received for paving Third St. from McEachin & McEachin, $12,350 and John W. Rooks, $13,593. Noted Oct. 8.

Tulsa, Okla.—An election will soon be held to vote on the question of issuing $100,000 in bonds, the proceeds of which will be used for constructing a 14-mile boulevard.

Ft. Collins, Colo.—The F. C. Dreher Construction Co., Denver, at $16,255, submitted the lowest bid for the construction of three miles of the Fall River Rd.

✚**Boise, Idaho**—(Official)—Bids were received June 4 for constructing six miles of the Idaho-Pacific Highway in Washington County as follows: S. C. COMERFORD, Boise, at $6283 (awarded contract); Maney Bros. & Co., Boise, at $7954; Ben Cope, Weiser, at $6874; Whittet & Hall, New Plymouth, at $7417; E. L. Phelps, Weiser, at $6585.

Everett, Wash.—Bids will be received until 2 p.m., June 28, by the Commissioners of Snokomish County for constructing Permanent Highway Nos. 17 and 18.

✚**Mt. Vernon, Wash.**—The contract for constructing the Montborne-McMurray Rd. has been awarded to the QUIGG CONSTRUCTION CO., L. C. Smith Bldg., Seattle, at $11,286.

Olympia, Wash.—Bids will be received until 2 p.m., July 12, by William R. Roy, State Highway Comr., for constructing 15 miles of Olympic Highway between Mud Bay and McCleary, at an estimated cost of $40,000.

Seattle, Wash.—Bids will be received until 10 a.m., July 6, by the Commissioners of King County for constructing Permanent Highway No. 7. Byron Phelps is County Audr. and Clk.

Seattle, Wash.—Bids will be received until 10 a.m., June 29, by the Commissioners of King County for constructing Permanent Highway No. 2 (Wight Rd.), at an estimated cost of $22, 000. Byron Phelps is County Audr. and Clk.

✚**Seattle, Wash.**—The contract for paving Eighth Ave., W., has been awarded to the JAHN CONTRACTING CO., Pioneer Blk., Seattle, at $29,530.

Seattle, Wash.—Plans for the improvement of West Massachusetts St. have been approved by the Board of Public Works and bids will soon be received. The estimated cost of the work is $22,000.

✚**Gearhart, Ore.**—The contract for constructing one mile of hard surface road, 18 ft. wide, has been awarded to the WORSWICK PAVING CO., Astoria.

Portland, Ore.—Bids were received for paving Peninsular Ave. from Lombard St. to Columbia Slough with concrete as follows: Cochran-Nutting & Co., Portland, $23,602; Star Sand Co., Portland, $24,042; Manning & Co., Portland, $25,956; J. M. Ambrose, $24,382; Jeffrey & Bufton, Portland, $25,382.

Seaside, Ore.—The citizens of Astoria, Gearhart and Seaside contemplate an expenditure of $25,000, to be used for the construction of a road from Astoria to Seaside by way of Gearhart.

✚**The Dalles, Ore.**—The contract for constructing the Wasco County road across the Tygh and White Rivers, to connect Kingsley and Wapinitia sections has been awarded to HENRY LENTS, Cromer, at $15,611.

✚**East San Diego, Calif.**—The contract for improving Swift Ave. has been awarded to E. A. McALPIN, San Diego, at $14,344. Noted June 3.

✚**El Monte, Calif.**—M. W. McCOMBS, 516 Bryson Bldg., Los Angeles, has been awarded the contract, at $17,000, for improving Main St.

✚**Los Angeles, Calif.**—The contract for improving 49th St. between Long Beach and Compton Ave. has been awarded to GEORGE R. CURTIS, at $6544.

✚**Pasadena, Calif.**—The contract for paving Wilson Ave. from Colorado St. to Arden Rd. has been awarded to ANDREW HOLLOWAY, at $15,068.

✚**Riverside, Calif.**—SHULL, TUCKER & CO. has been awarded the contract, at $8140, for improving Vine St. from First to Seventh St.

London, Ont.—According to press reports the City Council plans an expenditure of $5200 for constructing gravel roadways. H. A. Brazier is Engr.

Ojibwa, Ont.—Bids will soon be received for laying approximately 3½ miles of concrete pavement, at an approximate cost of $100,000.

INDUSTRIAL WORKS

✚**Cambridge, Mass.**—The H. J. Heinz Co., Pittsburgh, Penn. and 16 Lewis Wharf, Boston, Mass., has awarded the contract for the construction of a $50,000 garage and warehouse to the R. H. HOWES CONSTRUCTION CO., 7 Water St., Boston, Mass.

✚**Charlestown, Mass.**—The contract has been awarded to the W. F. KEARNS CO., 240 Albany St., for the construction of a two-story, 47x85-ft. garage for Walter S. Glidden. The estimated cost is $25,000. Warren & Gerrish, 53 State St., Boston, Mass., is Arch.

✚**Chicopee, Mass.**—The Bosch Magneto Co., has awarded the contract for the construction of a two-story, 160x250-ft., brick and steel addition to its plant to the J. W. BISHOP CO., Foster St., Worcester, Mass.

Haverhill, Mass.—Joseph S. Moore of the Slipper City Wood Heel Co., plans the construction of a nine-story, 100x200-ft., brick factory on Hale St.

Lawrence, Mass.—The George E. Kunbardt Co. will build a five-story addition to its plant.

Springfield, Mass.—Work will soon start on the construction of a two-story, 112x125-ft., brick and steel public garage on Ferry St., for M. Alpert, 170 Ferry St.

✚**Worcester, Mass.**—E. D. WARD, 82 Foster St., has been awarded the contract for the construction of a lime storage building and a lumber shed for the Graton & Knight Mfg. Co., Franklin St. Cutting, Carleton & Cutting, 44 Front St., is Arch.

✚**Woonsocket, R. I.**—(Official)—The TURNER CONSTRUCTION CO., 11 Broadway, New York, N. Y., has been awarded the contract for the construction of a five-story, 50x120-ft. reinforced-concrete factory for the Taft Peirce Mfg. Co. Timmis & Chapman, 315 Fifth Ave., New York, N. Y., is Arch.

Bridgeport, Conn.—Logan Bros. Co., Middle St., will build a five-story, 65x110-ft. storage building. F. A. Cooper, Weiggs Bldg., is Arch.

✚**Hartford, Conn.**—The contract for the construction of a five-story, 50x160-ft. factory for the Union Mfg. Co., has been awarded to the H. B. HIBBARD CO. The estimated cost is $60,000.

New Haven, Conn.—The New Haven Pulp & Board Co. will soon start work on the construction of a one-story, 46x290-ft. machine shop, a two-story, 90x102-ft. beater department, and a three-story storage building.

Albany, N. Y.—Bids will soon be received by the Fuller & Robinson Co., Arch., 95 State St., for the construction of a $60,000 addition to the garage of the Albany Garage Co., Howard and William St.

✚**Brocton, N. Y.**—The Peerless Food Products Co., Inc. has awarded the contract to E. J. BAILEY for the construction of a factory, to cost $60,00.

Buffalo, N. Y.—The Buffalo Cold Storage Co., Perry and Columbia St., will build a ten-story cold-storage warehouse on Perry St., to cost $500,000. D. E. Knowlton is Pres.

Buffalo, N. Y.—A three-story, 30x150-ft., brick and steel storage building will be constructed at 475 Ellicott St., for Adam J. Menges, 224 Washington Market. The estimated cost is $35,000. Joseph J. Geigand, 346 Herman St., is Arch.

Buffalo, N. Y.—The American Radiator Co., will build a two-story, brick factory at 110 Ledger St., to cost $55,000.

Buffalo, N. Y.—Bids are being received by the Monarch Engineering Co., Chamber of Commerce Bldg., for the construction of a 12-story, reinforced-concrete elevator and mill for the Clover Leaf Milling Co. D. B. Fraser is Pres. The estimated cost is $250,000.

✚**Jamestown, N. Y.**—(Official)—The contract for the construction of a factory for the Elite Furniture Co. has been awarded to P. ANTON PETERSON. Noted June 17.

✚**New York, N. Y.**—(Borough of Brooklyn)—The Fred Gretsch Mfg. Co., South Fourth St., has awarded the contract for the construction of a ten-story factory to the MOYER ENGINEERING & CONSTRUCTION CO., 375 Fulton St. The estimated cost is $300,000. William Higginson, 17 Park Row (Borough of Manhattan), is Arch. Noted May 6.

New York, N. Y.—(Borough of Manhattan)—The New York Composite Brick Corporation, 201 East 129th St., will build a one-story, 81x137-ft. brick and concrete plant at East 129th St. and East River. The estimated cost is $30,000. Hopkins & McEntee, 37 East 28th St., is Arch.

✚**New York, N. Y.**—(Borough of Manhattan)—KATZ & SCHOENHOLTZ, 165 West 18th St., has been awarded the contract for the construction of a two-story, 60x100-ft. box factory at 81 Tompkins St., for George Etzel. Mitchell Bernstein, 131 East 23rd St., is Arch.

✚**Syracuse, N. Y.**—(Official)—The contract for the construction of a seven-story, reinforced-concrete warehouse for the Syracuse Cold Storage Co. has been awarded to CHARLES D. WATSON, 1317 Spruce St., Philadelphia, Penn. Noted May 20.

West Sand Lake, N. Y.—Bids will soon be received by C. G. Ogden, Arch., Albany, N. Y., for the construction of a three-story, 66x110-ft. factory for the McLaren Knitting Co. The estimated cost is $60,000.

Paterson, N. J.—Thomas A. Kelly, 171 Marshall St., will build a two-story, 70x80-ft. storehouse at Clay and Straight St., to cost about $15,000. William T. Fanning, Colt Bldg., is Arch.

✚**Trenton, N. J.**—The Mercer Automobile Co. has awarded the contract for the construction of a one-story, 60x400-ft. addition to its plant to the NEWTON A. K. BUGBEE CO.

Beaver Falls, Penn.—The Moltrup Steel Products Co. contemplates the construction of an addition to its plant, estimated to cost $50,000.

Ellwood City, Penn.—The Shelby Tube Co. contemplates the expenditure of a $1,000,000 for additions and improvements to its plant.

✚**New Castle, Penn.**—The McCLINTIC MARSHALL CONSTRUCTION CO., Pittsburgh, has been awarded the contract for additions and improvements to the plant of the Standard Steel Car Co.

✚Philadelphia, Penn.—The contract for the construction of an eight-story, 60x120-ft., reinforced-concrete warehouse at Delaware Ave. and Pine St. for the Pennsylvania Warehousing & Safe Deposit Co. has been awarded to the TURNER CONCRETE STEEL CO. Noted Feb. 18.

Philadelphia, Penn.—A one-story, 100x150-ft. brick and reinforced-concrete addition will be constructed at the factory of Harrison Bros. & Co., 35th St. and Gray's Ferry Rd. Millard P. Osborne, Real Estate Trust Bldg., is Arch.

Philadelphia, Penn.—An ice plant with a daily manufacturing capacity of 200 tons will be constructed for the American Ice Co. at American and Cambria St.

✚Philadelphia, Penn.—(Official)—The contract for the construction of a four-story, 110x188-ft., reinforced-concrete, brick and terra cotta building for A. H. & F. H. Lippincott, Inc., 24th and Locust St., has been awarded to the TURNER CONCRETE STEEL CO., at about $85,000. Mahlon H. Dickinson, Empire Bldg., is Arch,. Noted June 3.

Philadelphia, Penn.—Bids have been received by Ballinger & Perrot, Arch., 1710 Arch St., for the construction of a $15,000 addition to the warehouse of Janney & Burrows, 315 North Third St.

Philadelphia, Penn.—Bids have been received by Sauer & Hahn, Arch., 1112 Chestnut St., for the construction of a four-story, 28x40-ft. addition to the warehouse of the David Berg Distilling Co., Delaware Ave. and Tasker St. The estimated cost is $25,000.

✚Philadelphia, Penn.—(Official)—WILLIAM STEELE & SONS CO., 1600 Arch St., has been awarded the contract for the construction of a three-story, 65x75-ft. garage at 21st St. and Brandywine St. for J. D. Darlington & Co., at about $20,000. Noted June 10 and 17.

Pittsburgh, Penn.—The United States Steel Corporation contemplates the construction of a $3,000,000 plant. Elbert H. Garg is Ch. of the Corp.

Baltimore, Md.—The National Yeast Co. will build a plant on Colgate Creek. A seven-acre site has been secured.

Baltimore, Md.—The Davison Chemical Co. will build additions to its plant at Hadkins Point, to cost between $100,000 and $150,000.

Girard, Ala.—The Public Utilities Co., Trenton, N. J., will build a $60,000 packing plant. James L. Glass is representative.

Kentwood, La.—The machine shop of the Kentwood & Eastern Ry. Co., which was destroyed on June 9, by fire, with a loss of $15,000, will be rebuilt at once. G. A. Keyes, is Gen. Mgr.

✚Akron, Ohio—The contract for the construction of a four-story factory for the Firestone Tire & Rubber Co., has been awarded to JAMES L. STUART, Illuminating Building, Cleveland, Ohio. The Osborn Engineering Co., 740 Engineers Bldg., Cleveland, Ohio, is Arch.

✚Akron, Ohio—The contract has been awarded to the HUNKIN-CONKEY CONSTRUCTION CO., 321 Cuyahoga Bldg., Cleveland, Ohio, for the construction of a three-story, 100x125-ft. addition to the factory of the Goodyear Tire & Rubber Co., East Market St.

Bucyrus, Ohio—The Sommer Motor Co. has received bids for the construction of a one-story, 100x135-ft. addition to its factory to cost $20,000. Harlan Jones, Market St., Galion, Ohio, is Arch.

✚Cleveland, Ohio—The Cleveland Welding & Mfg. Co., 2129 West 117th St., has awarded the contract to the HUNKIN-CONKEY CONSTRUCTION CO., 321 Cuyahoga Bldg., for the construction of a one-story, 155x178-ft. addition to its factory.

Cleveland, Ohio—The Grasselli Chemical Co., Cleveland, Ohio, will build a 70x80-ft. warehouse, and a 100x110-ft. factory, in addition to its plant on Independence Rd.

Columbus, Ohio—Plans have been completed for a five-story reinforced-concrete warehouse to be built by the Marietta Paint & Color Co., on East Chestnut St., to cost approximately $40,000.

Columbus, Ohio—Bids have been received by D. Reibel & Sons, Arch., for the construction of a two-story, reinforced-concrete building on North Fourth St. for the S. D. Budd Dairy Co., 1374 Wesley Ave. The estimated cost is $50,000. Noted Apr. 22.

Fostoria, Ohio—The Allen Motor Car Co. plans the construction of a one-story, 120x300-ft. addition to its factory to cost $30,000. Harlan Jones, Market St., Galion, Ohio, is Arch.

✚Springfield, Ohio—The contract for the construction of a cold-storage plant at Washington and Jefferson St., for the Bowlus-Hackett Fruit Co., has been awarded to FRANK H. SMITH, Dayton, Ohio. Estimated cost, $70,000.

✚Indianapolis, Ind.—The International Machine Tool Co. has awarded the contract for the construction of a two-story factory on 21st St. to the HALL-CURRY CONSTRUCTION CO. The estimated cost is $15,000.

Detroit, Mich.—(Official)—The Detroit Auto Dash Co. will build a 44x202-ft. addition to its plant to cost $25,000. Henry J. Wright, Milford, Mich., is Arch.

✚Detroit, Mich.—(Official)—A. A. ALBRECHT & CO., Penobscot Bldg., has been awarded the contract for the construction of a foundry for John B. Corlis, 34 Canfield Ave. W. Smith, Hinchman & Grylls, 710 Washington Arcade, is Arch. Noted June 17.

Jackson, Mich.—(Official)—The Jackson Cushion Spring Co. will build a 100x106-ft. factory to cost $25,000.

Chicago, Ill.—The Brennan Packing Co., 3922 Normal Ave., will build a two-story, brick addition to its plant to cost $25,000. J. E. Youngberg is Arch.

✚Chicago, Ill.—JACOB RODATZ, 209 South La Salle St., has been awarded the contract for the construction of a two-story, 110-248-ft. factory and warehouse for the Central Mfg. District. The estimated cost is $60,000. A. S. Alschuler, 28 East Jackson Blvd., is Arch.

Chicago, Ill.—A three-story, 64x130-ft. storage building will be constructed for D. Burkhartsmeier. William H. Pruyn, Jr., 122 South Michigan Ave., is Arch.

Chicago, Ill.—Bids have been received by S. H. Dunford, Arch., 10 South La Salle St., for the construction of a five-story, 58x80-ft. addition to the warehouse of Anderson Bros.' Express & Storage Co., 945 Belmont Ave.

Chicago, Ill.—George W. Linn & Son will build a two-story, 70x100-ft. warehouse to cost $45,000. R. S. Lindstrom, 538 South Dearborn St., is Arch.

✚Carrollville, Wis.—(Milwaukee post office)—The contract for the construction of a two-story, 205x225-ft., reinforced-concrete warehouse for the United States Glue Co., has been awarded to PAUL RIESEN & SONS CO. Herman J. Esser, Camp Bldg., is Arch.

✚Clear Lake, Wis.—The Clear Lake Creamery Co. has awarded the contract for the construction of its new dairying plant to G. W. RIDLER, Amery, Wis., at $11,276.

✚Davenport, Iowa—(Official)—The H. W. HORST CO., Rock Island, Ill., has been awarded the contract for the construction of a five-story, reinforced-concrete factory for the Crescent Macaoni & Cracker Co., at about $70,000. Clausen & Kruse is Arch. Noted May 6.

Des Moines, Iowa—The contract will be awarded about June 28 by Proudfoot, Bird & Rawson, Arch., for the construction of a 13-story newspaper publishing building for Gardner Cowles. The estimated cost is $250,000.

Mason City, Iowa—(Official)—We are advised that E. R. Gibson will build the $25,000 warehouse on First St. by day work. The estimated cost is $200,000. Noted June 10.

Duluth, Minn.—The Western Automobile Co. will build a two-story, 100x140-ft. salesroom and repair department. The estimated cost is $50,000. C. E. Nystrom is Arch.

Columbus, Neb.—Bids have been received for the construction of a two-story, 66x123-ft. garage for the Lincoln Highway Garage Association. The estimated cost is $25,000. Samuel Gass is Secy. Charles Wurdeman, 313½ West 13th St., is Arch.

✚Omaha, Neb.—The World-Herald Publishing Co. has awarded the contract for the construction of an eight-story, 66x132-ft. reinforced-concrete and brick building to the J. C. MARDIS CO., 750 Brandeis Theater Bldg. The estimated cost is $300,000. Thomas R. Kimball, 503 McCoyne Bldg., is Arch. Noted May 13.

✚Kansas City, Mo.—EDELMAN & FLEMING, 122 Midland Bldg., has been awarded the contract for the construction of a two-story, 50x130-ft. garage for Harmon Moore, 39th and Summit St. The estimated cost is $12,000. H. F. Brandenberger, 15 West Ninth St., is Arch.

St. Louis, Mo.—The National Oil Cloth Co., Jennings Station, contemplates the construction of a one-story, 163x247-ft. factory. Klipstein & Rathmann, Chemical Bldg., is Arch.

✚St. Louis, Mo.—The contract for the construction of a two-story warehouse at 173 Arsenal Ave., for the St. Louis Basket & Box Co., has been awarded to the FRUIN-COLNON CONTRACTING CO., at $30,000.

Pharr, Tex.—(Official)—We are advised that the Pharr Milling & Elevator Co. has organized its own construction department and will construct its plant by day work. Noted May 27.

Salt Lake City, Utah—A $100,000 factory will be constructed at South Fifth and West Fourth St. for the Purity Biscuit Co., V. A. Tracy, Pres.

Flagstaff, Ariz.—Bids have been received for the construction of a three-story, 75x130-ft. garage for Babbitt Bros. James O. Craig is Arch.

✚Los Angeles, Calif.—LEONARDT & PECK, Hellman Bldg., has been awarded the contract at $29,400, for the construction of a three-story, 40x140-ft., reinforced-concrete factory at Vincent and Merrick St. for the Coca Cola Co. E. A. Stuhrman is Arch.

✚San Pedro, Calif.—The contract for the construction of a concrete oil storage reservoir for the General Petroleum Co., has been awarded to LEONARDT & PECK, Hellman Bldg., Los Angeles, Calif. The estimated cost is $60,000.

Sherbrooke, Que.—The Canadian Box Mills will build a plant to cost $15,000.

FEDERAL GOVERNMENT WORK

✚Post Office—Concord, N. H.—The contract for the construction of the extension to the post office at Concord has been awarded to JAMES MILES & SON CO., Worcester, Mass., at $42,987. Noted Apr. 16.

Headstones—Boston, Mass.—Bids will be received until 1 p.m., July 16, by the Depot Quartermaster, for furnishing 14,000 headstones.

★Wharf—Woods Hole, Mass.—Bids were received June 12 by Col. John Millis, U. S. Engineer Office, for wharfs, sea wall and coal tipple as follows: Darling-Slade Construction Co., Newport, R. I., $39,709; T. A. Scott Co., Inc., New London, Conn., $29,482; William L. Miller & Co., Boston, $33,554; Lawler Bros., Charlestown, $36,973 (irregular); John R. Burke, Boston, $28,633 (irregular); George T. Rendle, East Boston, $37,218. Noted May 27.

Dredging—Block Island, R. I.—Bids were received June 16 by Col. John Millis, U. S. Engineer Office, Newport, for dredging at Block Island as follows: Eastern Dredging Co., East Boston, Mass., $0.30 per cu.yd.; John H. Corrish, Boston, Mass., $0.323; Charles H. Cole, Fall River, Mass., $0.1975; Bay State Dredging Co., Ltd., Boston, Mass., $0.42; Coastwise Dredging Co., Norfolk, Va., $0.24; John R. Burke, Boston, Mass., $0.3475; J. S. Packard Dredging Co., Providence, $0.2288; John A. Seely, New York, N. Y., $0.27; Bowers Southern Dredging Co., Galveston, Tex., $0.231; Maryland Dredging & Contracting Co., Baltimore, Md., $0.255.

★Carpenter Shop—New York, N. Y.—(Borough of Richmond)—Bids will be received until 2 p.m., July 9, by the Lighthouse Inspector, Tompkinsville, for constructing a reinforced-concrete carpenter shop at the General Lighthouse Depot.

Dredging—New York, N. Y.—Bids will be received until noon, July 15, at the U. S. Engineer, Office Whitehall Bldg., New York, for dredging in the Hackensack River, N. J., and in channel north of Shooters Island, N. Y.

★**Coast Guard Station**—Oswego, N. Y.—Bids were received June 15 for constructing a coast guard station: R. M. Barnett, Oswego, $10,750; S. E. Fourner, Oswego, $11,250; M. D. Bennett, Sidney, $12,117. Noted June 3.

★**Riprap**—Philadelphia, Penn.—Bids will be received until noon, July 8, at the U. S. Engineer Office, Philadelphia, for furnishing and placing riprap in the Delaware River at Artificial Island.

★**Air-Compressor Plant**—Pittsburgh, Penn.—Bids will be received until noon, June 30, at the U. S. Engineer Office, Pittsburgh, for furnishing and installing a water-power driven air-compressor plant at dam No. 10, Ohio River.

✚**Fire Engine**—Washington, D. C.—The contract has been awarded to the AMERICAN LA FRANCE FIRE ENGINE CO., Elmira, N. Y., at $10,500, by the Commissioners, for furnishing a gasoline motor-propelled pumping engine for the fire department.

✚**Paving**—Washington, D. C.—The contract has been awarded to the WARNER-QUINLAN ASPHALT PAVING CO., Syracuse, N. Y., by the Commissioners for paving.

✚★**Sewer**—Washington, D. C.—The contract has been awarded to WARREN F. BRENIZER CO., Washington, at $10,633, by the Commissioners, for constructing sewers. Noted May 27.

Steamer—Washington, D. C.—Bids will be received until Aug. 10, by the Superintendent of Coast and Geodetic Survey, Dept. of Commerce, Washington, D. C., and by the Inspector of Coast and Geodetic Survey, Custom House, San Francisco, Calif., for constructing a 1000-ton steamer to be known as "Surveyor."

★**Storehouse**—Washington, D. C.—Bids will be received until noon, July 17, at the U. S. Engineer Office, 305 Southern Bldg., Washington, for constructing a brick store house in McMillan Park.

✚★**Crushed Stone**—Wilmington, N. C.—The contract has been awarded to the VIRGINIA SAND & GRAVEL CORPORATION, Norfolk, Va., at $39,260, for furnishing crushed stone and gravel. Noted Apr. 29 and June 3.

★**Lock Gates**—Wilmington, N. C.—Bids will be received until noon, July 19, at the U. S. Engineer Office, Wilmington, for furnishing steel lock gates.

Wharf—Charleston, S. C.—Bids will be received until noon, July 15, by the Light House Inspector, Charleston, for constructing a timber wharf.

✚**Roofing Materials**—Atlanta, Ga.—Contracts have been awarded to JOHN D. EMACK CO., Philadelphia, Penn., at $5795, for roofing slate and to KNOX & MAIER CO., Atlanta, at $5236, for other materials. Noted June 17.

Post Office—Quitman, Ga.—Bids will be received until 3 p.m., July 29, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for constructing complete the U. S. post office.

★**Dredging**—Jacksonville, Fla.—Bids will be received until noon, July 24, at the U. S. Engineer Office, Jacksonville, for dredging and rock removal in St. Johns River.

★**Structural Metal**—Vicksburg, Miss.—Bids were received June 15 by Maj. J. R. Slattery, U. S. Engineer Office, Vicksburg, for structural metal for the construction of lock and dam No. 3 on Ouachita River at Call Landing, La., as follows: American Bridge Co., Frick Bldg., Pittsburgh, Penn., $20,500; Charles Hegewald Co., New Albany, Ind., $21,399; Lawrence D. Weaning, care of Variety Iron & Steel Works Co., Cleveland, Ohio, $21,000; Steacy Schmidt Mfg. Co., York, Penn., $18,900; J. & J. B. Milholland Co., 714 Fifth Ave., Pittsburgh, Penn., $18,905; Independent Bridge Co., Beaver Ave., Pittsburgh, Penn., $17,718 (recommended for acceptance); Chicago Bridge & Iron Co., 105th St., Chicago, Ill., $19,967; Penn Bridge Co., Beaver Falls, Penn., $19,400; Louisville Bridge & Iron Co., 11th St., Louisville, Ky., $17,900. Noted May 27.

✚★**Guard Gate**—Louisville, Ky.—The contract has been awarded to the AMERICAN BRIDGE CO., Cincinnati, Ohio, at $14,948, for constructing one guard gate at Lock No. 41, Ohio River. Noted May 13.

★**Post Office**—Albion, Mich.—Bids will be received until 3 p.m., July 30, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D C., for constructing complete the U. S. post office.

★**Excavation**—Detroit, Mich.—The Great Lakes Dredge & Docks Co., was the only bidder at about $150,000, for excavation work at the Fourth Lock in the St. Mary's River. Noted June 3.

★**Lumber**—Detroit, Mich.—Bids will be received until noon, July 31, at the U. S. Engineer Office, Federal Bldg., Detroit, for furnishing and delivering 236,000 ft. b. m. of fir timber.

✚**Building**—Tomah, Wis.—The contract has been awarded to MILLER & LAMB, Tomah, at $9961, for constructing a brick building for employees. Noted June 17.

✚**Water System**—Rosebud, Mont.—The contract has been awarded to COBERTH HAINES & WHITE, Washington, D. C., at $6382, for constructing a water system in the Custer Battlefield National Cemetery. Noted May 20.

✚★**Dike and Revetment**—Waverly, Mo.—The contract has been awarded to MARSHALL RUST, Pilot Grove, Mo., for constructing the dike and revetment, for which bids were opened May 24. Noted Apr. 29.

✚**Radio Towers**—Point Isabel, Tex.—The contract has been awarded to the MIDLAND BRIDGE CO., 70 Grand Ave., Kansas City, Mo., at $5600, for constructing two steel towers at Point Isabel. Noted Apr. 29 and June 3.

Power Plant—Las Cruces, N. M.—C. E. Hogle, Electrical Engr. Dept., U. S. Reclamation Service, has made a survey of the possibilities of supplying electric power to a number of towns in eastern New Mexico from the proposed hydro-electric plant at the Elephant Butte dam, near Las Cruces.

Seven Building—San Diego, Calif.—Bids will be received until 11 a.m., July 24, by H. R. Stanford, Ch. of Bureau, Yards and Docks, Navy Dept., Washington, D. C., for constructing seven buildings at the Naval Radio Station, San Diego. Noted Apr. 8.

✚**Lumber**—Panama—The contract has been awarded to W. R. GRACE & CO., Seattle, Wash., for furnishing 1,350,000 ft. of lumber by the Panama Canal Commission for the construction of dwellings in the canal zone.

Miscellaneous Supplies—Panama—Bids will be received until 10.30 a.m., June 25, by Maj. F. C. Boggs, Gen. Pur. Agt., Panama Canal, Washington, D. C., for furnishing miscellaneous supplies.

Miscellaneous Supplies—Panama—Bids will be received until 10:30 a.m., July 1, by Maj. F. C. Boggs, Gen. Pur. Agt., Panama Canal, Washington, D. C., for furnishing miscellaneous supplies.

Dredging—Pearl Harbor, Hawaii—Bids will be received until 11 a.m., July 31, by H. R. Stanford, Ch. of Bureau, Yards and Docks, Navy Dept., Washington, D. C., for dredging 72,000 cu.yd. at the naval station.

MISCELLANEOUS

✚**Dredging**—Boston, Mass.—The contract for widening the channel at Cuttyhunk Harbor, Goswold, has been awarded by the State Harbor and Land Commissioners to JEREMIAH P. O'RIORDEN, City Sq., Charlestown, Mass., at 21c. per cu.yd. earth; $5 per cu.yd. rock. Other bids were: J. S. Packard Dredging Co., 0.313c.; $8; John H. Gerrish, 0.329c.; $6; John R. Burke, 0.3325c.; $10; Eastern Dredging Co., 36c.; $9.50.

✚**Jetty**—Boston, Mass.—The contract for constructing 256 lin.ft. of timber jetty at Bucks Creek, Chatham, has been awarded to WILLIAM L. MILLER CO., 171 Alford St., Boston, Mass., at $9.44 per lin.ft. Other bids were: George T. Rendle Co., $9.62; Lawler Bros., $9.75; Thomas Cavanagh Co., $11; W. S. Rendle, $11.40; Frank C. Taylor, $16; John R. Burke, $17.50.

Retaining Wall—Salem, Mass.—Bids will be received until June 25 by the Rebuilding Commission for constructing a retaining wall and culvert in South River. Edmund D. Longley is Chn. of Comn. George F. Ashton is City Engr.

★**Barge Canal Work**—Albany, N. Y.—Bids will be received by James Stewart Co., Inc., 30 Church St., New York, for the construction of approach wall to Lock No. 3, Mechanicsville, New York, under Barge Canal Contract No. 72A. Work will be let under subcontract.

★**Subway**—New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by the Public Service Commission, 154 Nassau St. (Manhattan) until July 9 for track laying on the New Utrecht Ave. elevated line. Rails, ties, etc., are to be furnished by the city. This line runs from a connection with the Fourth Ave. subway at about 38th St., through open cut to New Utrecht Ave. and as an elevated railroad over New Utrecht Ave., Stillwell Ave. and 86th St. to Coney Island.

Subway—New York, N. Y.—(Borough of Brooklyn)—(Official)—The following are the bids received by the Public Service Commission for constructing a part of Route 29, Section 1, beginning at a point under Eastern Parkway, about 192 ft. west of the westerly building line of Nostrand Ave., curving thence southerly under Eastern Parkway and private property into Nostrand Ave. to a point about 220 ft. south of the southerly building line of Church Ave. The general plan of construction calls for a subsurface railroad having two tracks. The bidders were: Underpinning & Foundation Co., 290 Broadway, $2,187,286; Dock Contracting Co., $2,392,608; T. A. Gillespie, $2,534,532; E. E. Smith Contracting Co., $2,633,765; Oscar Daniels, $2,944,287; A. McMullen, $2,904,029; Degnon Contracting Co., $2,765,887; J. C. Creem, $3,331,566; Newman & Carey, $2,073,303; Frawley Kaufman Contracting Co., $2,834,736; D. Donegan, $2,342,401; Charles Cooper, $2,539,048; McArthur Bros. Co., $2,512,485; Rodgers & Hagerty, Inc., $2,396,309.

✚**Pier**—New York, N. Y.—(Borough of Brooklyn)—The contract has been awarded for building a new pier at the foot of 29th St. to HENRY STEERS, 17 Battery Pl., at $116,148. Noted May 6, June 3 and 17.

✚**Pavilion**—New York, N. Y.—(Borough of Brooklyn)—(Official)—The contract has been awarded by the Board of Health for the construction of a pavilion at the Kingston Ave. Hospital to T. J. FEARON, 32 Broadway, at $66,972. Noted June 17.

Pier—New York, N. Y.—(Borough of Brooklyn)—(Official)—The following are the bids received by R. A. C. Smith, Comr., Docks and Ferries, for building the pier at the foot of East 30th St.: Snare & Triest, Class 1, $186,700; Class 2, $15,750; total, $202,450; McHarg-Barton, $186,598; $15,750; $202,348; Foundation Co., $209,250; $15,750; $225,000; Henry Steers Inc., $187,000; $15,120; $202,120; Stillman, Delahanty & Ferris, $183,231; $14,726; $197,957; Phoenix Construction Co., $198,897; $15,750; $214,647; W. B. Seaver, Inc., Grand Central Terminal, $180,513; $15,750; $196,263; New York Submarine Co., $183,625; $15,750; $199,375. Noted June 10.

Field House—New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by George W. Wingate, Room 527, Municipal Bldg., Manhattan, until 10:30 a.m., June 29, for the general construction, including heating and water-works, of a field house at the Betsy Head Memorial playground, Brownsville, Brooklyn.

Fire Hose—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received by Robert Adamson, Fire Comr., Municipal Bldg., until 10:30 a.m., June 28, for 20,000 ft. of 2½-in., and 10,000 ft. of 1½-in. cotton rubber-lined fire hose. Noted June 10.

Motor Fire Apparatus—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received by Robert Adamson, Fire Comr., Municipal Bldg., until 10:30 a.m., June 28, for furnishing and applying 26 two-wheel gasoline-driven tractors, 16 for fire engines and 10 for hook and ladder trucks. Noted June 10 and 17.

Track Materials—New York, N. Y.—(Borough of Manhattan)—(Official)—The following are the more important bids received by the Public Service Commission, 154 Nassau St., Borough of Manhattan, for furnishing the following supply of track materials: For open hearth rails, including main rails and guard rails, Bethlehem Steel Products Co. $78,949, Pennsylvania Steel Co., $78,949, Lackawanna Steel Co., $78,949; for rolled manganese rails, including standard and short lengths also the drilling or punching of bond and separate holes, the Pennsylvania Steel Co. $16,905; Manganese Steel Rail Co., $16,337; for track rail splice bars under four different classes, Rail Joint Co., $11,474; for anti-creepers, including those for guarded rails and those for unguarded rails, the Creepcheck Co., $2571; Track Specialties Co., $2154; for cut track spikes, Lackawanna Steel Co., $3326, American Iron & Steel Mfg. Co., $3985; for furnishing ties and timber, J. H. Burton & Co., $134,804, Alfred R. Sax, $138,035; for furnishing bolts and nuts, American Iron & Steel Mfg. Co., $20,675; American Iron & Steel Mfg. Co., $15,693 (alternate), $15,258; for malleable iron castings, under which classification are included guard rail braces, main rail braces and washers: American Malleable Co., $6230; J. E. Coonon, $5942; Eastern Malleable Iron Co., $6208; Foran Foundry & Mfg. Co., $5251; for tie plates under Type A, Lackawanna Steel Co., $14,190; for tie plates under Classification D, Ramapo Iron Works, $1600, and for tie plates under classifications W and X, Ramapo Iron Works, $164; for hand rails, Vulcan Rail & Construction Co., $15,606; for special work, the Ramapo Iron Works, $19,740; Pennsylvania Steel Co., $22,864. Noted May 27.

Coal-Storage System—New York, N. Y.—(Borough of Richmond)—(Official)—The Richmond Light & R.R. Co., Terminal Bldg., St. George, contemplates the erection of a concrete coal-storage system at its Livingston plant. W. H. Rudisill is Ch. Engr.

Fire Station—Edgewater, N. J.—Bids will be received until July 6 by the Town Council for constructing the proposed fire station. Noted Mar. 25 and Feb. 11.

Shipyard—Elizabethport, N. J.—The Samuel L. Moore & Sons Corporation, a subsidiary of the Bethlehem Steel Corporation, will construct a shipyard for the repair and construction of ships, to cost about $1,000,000.

Park Improvements—Jersey City, N. J.—The Board of Freeholders will issue bonds for $300,000 for improving the parks.

Elimination of Grade Crossing—Ridgewood, N. J.—The Erie R.R. Co. will elevate its tracks at Goodwin and Franklin Ave. The cost to the railroad is estimated at $80,000.

Dredging—Trenton, N. J.—The following are the bids received by the Inland Waterway Commission for dredging the first section of the channel connecting the head of Barnegat Bay with the Manasquan River and the work at Bayhead; Rickards Dredging Co., Philadelphia, Penn., 18c. per cu.yd.; Hill Dredging Co., Atlantic City, N. J., 19c.; Bay Dredging & Contracting Co., New York, N. Y., 22c.

✚Dam—Coatesville, Penn.—The contract for the construction of a reinforced-concrete dam at Coatesville has been awarded to the BOLTON G. COON CONSTRUCTION CO., Wilkes-Barre, Penn., at about $85,000.

Fire Alarm System—Glenlyon, Penn.—Bids will be received by W. O. Davis, Secy. until 7 p.m., July 2, for installing a fire alarm system.

Pier—Philadelphia, Penn.—According to press reports, bids will soon be called by the Department of Wharves, Docks and Ferries for the construction of the first of the 10 municipal piers to be erected in the southern section of the city and known as the Moyamensing piers. This pier will be the largest yet built by the city and when completed will cost about $1,500,000. The whole group, with the other facilities necessarily appurtenant to the piers, will involve an expenditure of almost $25,000,000.

Dredging—Philadelphia, Penn.—Bids will be received until July 12 by John Meigs, Dir., Dept., Wharves, Docks and Ferries, Bourse Bldg., for dredging at Moyamensing Piers, Delaware River.

★Plaza—Philadelphia, Penn.—Bids will be received by the Highway Bureau until noon, July 2, for constructing the South Broad St. plaza. There is $118,000 available for the commencement of the work. Olmstead Bros., Boston, Mass., prepared the plans.

✚Mausoleum—Philadelphia, Penn.—The contract for erecting a memorial mausoleum to Bartholomew Shea at the Holy Cross Cemetery has been awarded by the Commonwealth Title, Insurance & Trust Co., to the PRESBREY COYKENDALL CO., 198 Broadway, New York, N. Y., at $74,050.

Pier—Baltimore, Md.—According to press reports, the Pennsylvania R.R. will construct a coal pier at Canton, and will install equipment for the handling of coal. The estimated cost is $1,000,000.

Traction Engine—Atlanta, Ga.—Bids will soon be received by C. M. Holland, County Pur. Agt., for furnishing a gasoline or oil traction engine.

Wharf and Warehouse—Augusta, Ga.—According to press reports, a contract for the construction of a municipal wharf and warehouse will soon be awarded. Nisbet Wingfield is Ch. Engr., River and Canal Comn.

★Levee—Vicksburg, Miss.—(Official)—Bids will be received until 11 a.m., July 12, at the Office of Third Mississippi River District, P. O. Box 404, for constructing about 1,145,000 cu.yd. of levee work.

✚Levee Work—Vicksburg, Miss.—The contract for constructing about 660,000 cu.yd. of levee enlargement has been awarded by the Third Mississippi River District to WALTER H. DENNISON, 62 South Front St., Memphis, Tenn., at $94,842. Noted May 27.

Drainage—Wickliffe, Ky.—It is reported that plans have been completed for draining Little Humphries Creek land in Ballard County. The estimated cost is $35,000.

Ditches—Sidney, Ohio—The Commissioners of Shelby County have decided to hold an election July 6 for the purpose of voting on the issuance of $24,200 in bonds for the construction of ditches. George P. Staley is County Audr.

Drainage—Hillsdale, Mich.—J. W. Watkins, Drainage Comr., Hillsdale County, will soon call for bids for the construction of a drain about three miles long.

Drainage—Champaign, Ill.—(Official)—Bids will be received by the Commissioners of Sangamon and Drummer Drainage District until 10 a.m., July 1, for the construction of 12,928 ft. of covered drains.

Cranes—Chicago, Ill.—Bids will be received by L. E. McGann, Comr. of Pub. Wks., until June 26 for furnishing six jib cranes at the municipal plant, West 31st St. and Sacramento Ave.

Levee—East St. Louis, Ill.—Bids will be received by the Board of Trustees, East Side Levee and Sanitary Dist., Sexton Bldg., until 2 p.m., July 12, for the construction of an earth levee. The work requires 800,000 cu.yd. of earth embankment; 230 cu.yd. of reinforced concrete; two hand gates and two automatic flood gates. G. L. Barton is Pres. of Bd.

Ditch and Tile Drainage—Woodstock, Ill.—Plans for the Coon Creek Drainage District, in Boone and McHenry counties, were filed at Woodstock June 14. The total cost is estimated at $78,830, and the included area is nearly 7000 acres. The system consists of over 16 miles of tile work and six miles of open ditches. A hearing will be held in July. Arthur L. Webster, Wheaton, Ill., is the Engr., and William Biester, Belvidere, Ill. is Atty.

✚Docks—Kenosha, Wis.—Press reports state that B. C. Brennan, City Engr., is preparing plans for the construction of docks at the foot of Washington St., on Washington Island.

Drainage—Atlantic, Iowa—J. H. Mayne, Engr., 235 Meriam Blk., Council Bluffs, Iowa, has been engaged to prepare plans for about three miles of drainage in Atlantic.

✚Ditch—Elbow Lake, Minn.—The contract for constructing Consolidated Judicial Ditch No. 2 has been awarded to JOHN C. HAGGART, at $13,980. C. M. Wilson, is County Audr.

✚Ditch—Long Prairie, Minn.—The contract for constructing Ditch No. 25, a distance of about 25 miles, including laterals, has been awarded to WILLIAM TABERY, Bertha, Minn.

Ditch—Morris, Minn.—Bids will be received by C. R. Wooltham, County Audr., until June 29 for constructing Ditch No. 16. The work requires about 1000 cu.yd. of excavation and laying 35,000 ft. of 6-in. to 24-in. tile.

Ditch—Waterville, Minn.—The County Commissioners will issue $10,000 in bonds for constructing Ditch No. 40.

✚Dredge—Kansas City, Kan.—The contract for constructing one hydraulic dredge has been awarded by the Kaw Valley Drainage Board, to the MORRIS MACHINE WORKS, Baldwinsville, N. Y. Noted June 3.

Dock—St. Louis, Mo.—According to press reports, plans are almost complete for the construction of municipal dock 2000 ft. long and 160 ft. wide near the waterworks plant. E. R. Kinsey is Pres., Bd. of Pub. Ser.

Dam and Dredging—Beaumont, Tex.—Bids will be received by the Beaumont Navigation District, until 10 a.m., June 28, for the construction of a 120-ft. timber dam across Salt Bayou and the construction of 6000 ft. of canal, requiring 22,000 cu.yd. of dredging. James F. Weed, Beaumont, is Engr.

Drainage—Galveston, Tex.—According to press reports the City Commission plans to hold an election soon for the purpose of voting on a $200,000 bond issue, the proceeds of which will be used in constructing an underground drainage system.

Drainage—Victoria, Tex.—The land owners of the drainage district which was recently created in Victoria County held an election June 23 to vote on the proposition of issuing $190,500 bonds for the construction of a complete system of drainage for the district. Noted Feb. 11.

Cement—Seattle, Wash.—No bids were received June 7 by the County Commissioners for furnishing about 200,000 bbl. of portland cement. Noted May 27.

Fire Apparatus—Auburn, Calif.—The City Council plans to issue $25,000 in bonds for the purchase of three fire trucks.

✚Oil Storage Reservoir—Bakersfield, Calif.—The contract for the construction of a 1,000,000-gal. reinforced-concrete oil storage reservoir near Bakersfield for the Associated Oil Co. has been awarded to the VANSANT-HOUGHTON CO., Hooker-Lent Bldg., San Francisco.

✚Pier—Long Beach, Calif.—The contract for the construction of the Belmont Pier has been awarded by the Board of Public Works to S. M. KERNS, 625 West Ocean Ave., Long Beach. The construction will be of reinforced concrete. John Schulz, Wright & Callender Bldg., Los Angeles, is Engr. Noted May 27.

Mausoleum—Monrovia, Calif.—The Monrovia Mausoleum Co. plans to build a mausoleum adjoining Live Oak Cemetery, to cost $50,000. W. L. Hodges, American National Bank, Monrovia, is interested.

Piles—San Francisco, Calif.—Pope & Talbot, at $15,605, submitted the lowest bid to the State Harbor Commission for furnishing creosoted piles.

Repairs to Wharf—Levis, Que.—The repair of Ferry's Wharf, estimated to cost $10,000 has been recommended by Camille Lessard, Municipal Engr.

BUILDINGS

Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous."

Fairfield, Maine—Bids will soon be received for the construction of a ten-story brick administration building for the Goodwill Home Association. The estimated cost is $60,000. Edgar A. Josselyn, 3 West 29th St., New York, N. Y., is Arch.

✚Skowhegan, Maine—The town of Skowhegan has awarded the contract for the construction of a three-story high school to L. E. BRADSTREET & SON, Hallowell, Maine. The estimated cost is $50,000. William Hart Taylor, 50 Bromfield St., Boston, Mass., is Arch.

Brandon, Vt.—At the annual meting of the School Board it was decided to expend $50,000 for the construction of a high school building. W. H. Wright is a Member of the Bldg. Com.

Boston, Mass.—Jacob Shapiro will build a $100,000 theater at 36 Bennington St., South Boston. Fred A. Norcross, 46 Cornhill, is Arch.

Boston, Mass.—(Official)—Bids will soon be received by A. B. Beal, 43 Tremont St., for the construction of two brick and steel apartment houses on Audubon Rd., to cost $120,000. Dykeman & Murray, 15 Exchange St., is Arch . Noted June 10.

Brighton, Mass.—St. Anthony's Church will build a two-story school, estimated to cost $75,000. E. T. P. Graham, 20 Beacon St., Boston, Mass., is Arch.

Cambridge, Mass.—St. Paul's Church will build an $85,000 school. Edward T. Graham, 20 Beacon St., Boston, Mass., is Arch.

Danvers, Mass.—The town of Danvers will build a three-story school, to cost $150,000. Daniel N. Crowley, 81 Washington St., Salem, Mass., is Chn. of the School Com.

Dedham, Mass.—Bids are being received by J. G. Hutchinson, Arch., 101 Tremont St., Boston, Mass., for the construction of a two-story, 45x90-ft. temple, to cost about $40,000.

Lexington, Mass.—At special town meeting an appropriation of $60,000 was made for a brick schoolhouse at North Lexington.

Providence, R. I.—W. F. Fontaine, Arch., Woonsocket, R. I., is receiving bids for the construction af a 66x151-ft. brick and stone church for St. Charles Borromeo Parish.

Providence, R. I.—The Board of Aldermen passed an order appropriating $175,000 for the construction of a grammar school on Charles St. Joseph Gainer, Mayor, is Chn. of Com. on Contracts and Supplies.

Warren, R. I.—Burritt S. D. Martin, arch., 86 Weybosset St., Providence, R. I., is preparing plans for a $50,000 school. Noted Mar. 25.

Woonsocket, R. I.—Only one bid was received for the construction of a $150,000 high school. It was rejected. New bids will soon be received.

✚Windsor, Conn.—The contract for the construction of a three-story, 28x101-ft. brick building at Loomis Institute has been awarded to the CENTRAL BUILDING CO., Worcester, Mass. The estimated cost is $250,000. Noted Apr. 15.

Buffalo, N. Y.—Plans are being prepared by Howard L. Beck, City Arch., Municipal Bldg., for the construction of a reinforced-concrete and brick library and social building, including a gymnasium, at Grant and Amherst St. The estimated cost is $45,000. Frank T. Reynolds is Deputy Bldg. Comr.

Buffalo, N. Y.—Colson & Hudson, Arch., 35 Dun Bldg., is preparing preliminary plans for the construction of an apartment house at Delaware Ave. and Bryant St. for Edward James Smith. The estimated cost is $300,000.

Hyde Park, N. Y.—Plans are being considered for the construction of a monastery on the Albany Post Rd. for the Dominican Fathers. The estimated cost is $250,000.

Little Falls, N. Y.—Plans are being prepared by W. L. Stoddart, 9 East 40th St., New York, for the construction of a bank and office building at South Ann and Albany St. for the Herkimer County National Bank. The estimated cost is $65,000.

Little Falls, N. Y.—Bids will be received about July 1 for the construction of a four-story city hall for Little Falls. The estimated cost is $100,000. Frank Shall is Mayor. Noted May 27.

Lockport, N. Y.—Bids will be received until June 27 by Austin Dryer, Chn. of Bldg. Com., for the construction of a building to be used as a jail and office for Niagara County. Estimated cost, $90,000. C. R. Phelps, Gluck Bldg., Niagara Falls, is Arch.

New York, N. Y.—(Borough of Brooklyn)—Plans have been prepared by Gustave E. Steinback, Arch., 15 East 40th St., New York, for the construction of a group of five school buildings with a 300-ft. central tower at Atlantic and Washington Ave. for the College of Immaculate Conception. The estimated cost is $500,000. Rev. George W. Munderlein is Director.

New York, N. Y.—(Borough of Brooklyn)—Preliminary plans have been approved by C. B. J. Snyder, Supt., 500 Park Ave., New York, for the construction of a four-story school at Wilson St. and Bedford Ave. The estimated cost is $100,000.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until 2 p.m., June 28, by Marcus M. Marks, Borough Pres., Municipal Bldg., for constructing additions to the building at 146 Grand St.

New York, N. Y.—(Borough of Manhattan)—Plans are being prepared and bids will soon be received by M. Serracino, Arch., 1170 Broadway, for the construction of a two-story, 64x100-ft. brick church at 309 East 33d St. for Sacred Heart Church. Estimated cost, $50,000.

Orchard Park, N. Y.—Bids will soon be received by Robert North, Arch., Prudential Bldg., Buffalo, for the construction of a three-story school. The estimated cost is $50,000. M. Strebel is Pres. of Bd. of Education. Noted May 13.

Rochester, N. Y.—Lewis F. Pilcher, State Arch., Capitol, Albany, is preparing plans for the construction of an armory with a stable on Culver Rd. for the Armory Commission of the State of New York. The estimated cost is $100,000. Walker, Livingston & Brackett is Assoc. Arch. Noted Mar. 11.

Rochester, N. Y.—L. L. Blaisdell plans to construct a five-story, 55x150-ft. fireproof hotel on Elm St. Rees & Ade is Arch.

Rochester, N. Y.—Plans are being prepared by Claude Bragdon, Arch., Cutler Bldg., for the construction of a two-story Y. M. C. A. building. The estimated cost is $50,000. James G. Cutler, Cutler Bldg., is Chn. of Bldg. Com. Bids will be received in August.

Syracuse, N. Y.—Plans are being prepared and bids will soon be received for the construction of a 1½-story, 55x135-ft. brick and stone church on Onondaga St. for the Central Church of Christ. The estimated cost is $75,000. A. F. Anderson, 32 East Onondaga St., is Pastor.

Syracuse, N. Y.—The Vocational High School Commission has rejected all bids received for the construction of a $450,000 vocational high school. Plans have been revised and new bids will soon be received. Noted May 27 and June 17.

✚Utica, N. Y.—The contract for the construction of a building for the Homeopathic Hospital has been awarded to R. G. LLOYD CO. Estimated cost, $100,000. Agne Rushmer & Jennison, Arcade Bldg., is Arch., and E. C. Field is Chn.

White Plains, N. Y.—Bids will be received about July 15 for the construction of the superstructure of a six-story, 100x182-ft. brick courthouse for Westchester County. The estimated cost is $800,000. A. W. Lawrence, Bronxville, is Member of the Bldg. Com., and Elwyn E. Seelye, 101 Park Ave., New York, is Consult. Engr. Noted Apr. 22.

✚Yonkers, N. Y.—The general contract for the construction of a two-story brick addition to School No. 19 has been awarded to LYNCH & LARKEN, 195 Riverside Ave. The estimated cost is $65,000. G. Howard Chamberlain, 18 Getty Sq., is Arch.

Yonkers, N. Y.—Plans are being prepared by C. Aubrey Jackson, Arch., 101 Park Ave., New York, for the construction of a four-story building at Guion St. and South Broadway for the Masonic Guild, F and A. M. Estimated cost, $70,000. Beersman & Vollmer and Evarts Tracy, 244 Fifth Ave., New York, are Assoc. Archs. Noted Oct. 15.

Bayonne, N. J.—The Board of Education plans to construct a school to replace Public School No. 5. Estimated cost, $146,000. Aaron A. Melnicker is Pres. of Bd.

Englewood, N. J.—(Official)—Bids will be received about Aug. 1 for the construction of a high school. The estimated cost is $150,000. Ernest Sibley, Palisade, and J. J. Ferry, Dean St., Englewood, are Archs. Noted Apr. 15 and June 10.

Glen Ridge, N. J.—Wallis & Goodwillie, Arch., 56 West 45th St., New York, have prepared plans for the construction of three-story, 50x100-ft. brick and stone borough hall for the Borough of Glen Ridge. The estimated cost is $75,000.

Hoboken, N. J.—Plans are being prepared by Ludlow & Peabody, Arch., 101 Park Ave., New York, for the construction of a group of buildings for Stevens Institute.

Newark, N. J.—Plans are being prepared by E. F. Guilbert, Arch., City Hall, for the construction of a five-story building for the Fawcett Drawing & Girls' Industrial School. The estimated cost is $187,000. Noted Dec. 3.

Newark, N. J.—The Board of Education contemplates the construction of a school at Washington and Linden St. The estimated cost is $300,000.

Roselle Park, N. J.—(Elizabeth post office)—D. C. Newman Collins, 29 Broadway, New York, is preparing plans for the construction of a three-story high school. The estimated cost is $65,000. W. A. Bembridge is Pres., Bd. of Education.

Toms River, N. J.—The Board of Chosen Freeholders of Ocean County plans to construct additions to the courthouse at Toms River. Estimated cost, $40,000.

Trenton, N. J.—Plans have been prepared for the construction of a fireproof hotel, for Benedict C. Kuser, to replace the Trenton House. The estimated cost is $500,000.

Gettysburg, Penn.—The Trustees of the Pennsylvania College plan to construct a building for the preparatory department. Estimated cost, $50,000. William Anthony Granville is Pres.

Allentown, Penn.—Preliminary plans are being prepared by Louis E. Jallade, Arch., 37 Liberty St., New York, for the construction of a six-story brick building for the Y. M. C. A. The estimated cost is $100,000. Noted Apr. 8.

✚Harrisburg, Penn.—The general contract for the construction of a 2½-story dormitory for Harrisburg Academy has been awarded to AUGUST WILDMAN, Harrisburg. The estimated cost is $40,000. Zantzinger, Borie & Medary, 139 South 15th St., Philadelphia, is Arch.

Harrisburg, Penn.—Bids will be received about June 26 by D. D. Hummelbaugh, Chn., Bd. of Education, 123 Chestnut St., for the construction of a two-story school. Estimated cost, $95,000. C. Howard Lloyd, Telegraph Bldg., is Arch. Noted Apr. 29.

✚Marshalsea, Penn.—(Bridgeville post office)—The contract for the construction of an asylum for men at the city poor farm has been awarded to THOMAS REILLY, 5872 Ellsworth St., Pittsburgh, at $251,900. J. McKelvey is Dir. of Dept. of Charities. Noted Mar. 25.

Muncy, Penn.—Bids will be received until noon, June 30, by Frank Smith, Secy. of Comn., Harrisburg, for the construction of four cottages and an administration building for the industrial home at Muncy. Horace Trumbauer, Land Title Bldg., Philadelphia, is Arch.

Natrona, Penn.—Bids will soon be received by P. M. Kennedy, Natrona, for the construction of a two-story school for Harrison Township. The estimated cost is $50,000. W. G. Eckles, New Castle, is Arch. Contracts will be awarded about Aug. 1. Noted June 17.

✚New Castle, Penn.—The Board of Education has awarded the general contract for the construction of a school in the Seventh Ward to W. H. CHAMBERS & SON, New Castle, at $65,242. Noted Mar. 4.

Parkesburg, Penn.—Bids will soon be received by the Board of Education for the construction of a two-story school. The estimated cost is $50,000. Clyde S. Adams, 1509 Arch St., Philadelphia, is Arch.

✚Philadelphia, Penn.—MURPHY & CO., 263 South 10th St., Philadelphia, has been awarded the contract for the construction of a parochial school for St. Catherine's Church. The estimated cost is $50,000. Ballinger & Perrott, 1701 Arch St., is Arch. and Engr.

✚Philadelphia, Penn.—The contract for the construction of new wings to the John Hay School at Wheaton and Marshall St., has been awarded to McCLOSKEY & BAHLES, Hale Bldg., Philadelphia, at $81,825. Noted June 17.

Philadelphia, Penn.—Plans are being prepared by J. Horace Cook, Supt. of School Bldgs., for the construction of an elementary school at 65th Ave. and Lime Kiln Pike, East Germantown. The estimated cost is $400,000.

Philadelphia, Penn.—Samuel J. Henderson has purchased a site at Ninth and Sansom St. upon which to construct an eight- or 10-story building.

Philadelphia, Penn.—Bids will soon be received by Clinton & Russell, Arch., 32 Nassau St., New York, N. Y., for the construction of a five-story, 130x160-ft. apartment house on 41st St. and Baltimore Ave. The estimated cost is $200,000. Noted Jan. 28.

✚Pittsburgh, Penn.—The contract for the construction of a six-story club building at Seventh St. and Duquesne Way for the B. P. O. E. Lodge No. 11 has been awarded to ROSE & FISHER, Dickinson Ave., Ben Avon, Allegheny post office. Noted Apr. 1.

Pittsburgh, Penn.—John T. Comes, Arch., Renshaw Bldg., is preparing plans for the construction of a two-story church for St. Agnes Parish. The estimated cost is $80,000.

✚Pittsburgh, Penn.—The general contract for the construction of the Frick Arcade Bldg., at Fifth Ave., Grant St., Oliver Ave. and Cherry Way, for Henry Clay Frick has been awarded to the GEORGE A. FULLER CONSTRUCTION CO., 111 Broadway, New York, N. Y. The entire cost is estimated at $2,500,000. Noted Apr. 8 and May 13.

Renovo, Penn.—Bids will be received until July 1 by the Board of Education of the Renovo School District for the construction of a high school. Woodnutt & Schmohl, 150 West Fourth St., Williamsport, is Arch.

Sayre, Penn.—Gibbs & Waltz, Arch., Ithaca, N. Y., is preparing plans for the construction of a two-story, 36x135-ft. addition to the Robert Packer Hospital at Sayre. The estimated cost is $50,000.

South Bethlehem, Penn.—The Societies of the Church of the Holy Ghost will construct a church and orphanage. The estimated cost is $50,000.

✚South Bethlehem, Penn.—The contract for the construction of a three-story brick high school has been awarded to ROBERT S. RATHBUN, Allentown, at $131,516. Noted Mar. 18 and May 6.

Wilmington, Del.—Bids will be received about June 25 by Hoffman & Co., Arch., Finance Bldg., Philadelphia, Penn., for the construction of a three-story theater for R. Topkis & Sons, Wilmington. The estimated cost is $125,000. Noted June 10.

Baltimore, Md.—Isaac E. Emerson, plans to construct a 10-story apartment house on Eutaw Pl. near Druid Hill Park.

Washington, D. C.—(Official)—Plans are being prepared by Milburn, Heister & Co., Arch., Union Savings Bank Bldg., for the construction of a nine-story, 120x196-ft. brick building on Pennsylvania Ave. for the Federal City Construction Co. The building will be occupied by the Southern Railway Co. Estimated cost, $750,000.

✚Washington, D. C.—W. A. KIMMEL has been awarded the contract for the construction of a Masonic Temple at Tenth and U St., N. W. The estimated cost is $185,000. H. T. Haller is Arch.

✚Washington, D. C.—The general contract for the construction of a 1½-story, 51x118-ft. church for St. Andrew's Congregation has been awarded to W. E. MOONEY, Evans Bldg., Washington. The estimated cost is $60,000.

Roanoke, Va.—Bids will be received about June 25 by H. M. Miller, Arch., for the construction of a one-story, 100x200-ft. auditorium for the city. Estimated cost, $40,000.

Beckley, W. Va.—Bids will be received about July 1 by A. F. Wysong, Arch., Princeton, W. Va., for the construction of a four-story hotel for the Beckley Hotel Co. The estimated cost is $40,000.

Clarksburg, W. Va.—S. M. Mason is having plans prepared for the construction of a four-story, 40x75-ft. brick hospital. The estimated cost is $75,000.

Durham, N. C.—Plans are being prepared by Milburn & Heister, Arch., Union Savings Bank Bldg., Washington, D. C., for the construction of a two-story school. The estimated cost si $60,000.

Albany, Ga.—The general contract will be awarded about July 1 by A. Ten Eyck Brown, Arch., 607 Forsyth Bldg., Atlanta, for the construction of a municipal auditorium. Estimated cost, $45,000.

Palatka, Fla.—Edwards & Saywood, Arch., 633 Candler Bldg., Atlanta, Ga., is preparing plans for the construction of a five-story Masonic Temple. The estimated cost is $50,000.

Selma, Ala.—The business men plan to construct a ten-story, 30x100-ft. office building on Broad St. The estimated cost is $75,000. H. Stewart Gibbs, Atlanta, Ga., is interested.

New Orleans, La.—Plans have been prepared by Odenwals & Owens, Arch., for the construction of a reinforced-concrete clubhouse at Spanish Fort Park for Willis J. Roussel, New Orleans. The estimated cost is $100,000.

Memphis, Tenn.—Plans are being prepared by Victor Dunkerley and John Gaisford, Archs, for the construction of an addition to the Goodwyn Institute. The estimated cost is $125,000.

Covington, Ky.—An election will be held in November to vote on the question of issuing $150,000 in bonds, the proceeds of which will be used for the construction of a high school. Noted Dec. 3.

Louisville, Ky.—Plans are being prepared by Joseph & Joseph, Arch., for the construction of a brick and steel building for the Western Union Telegraph Co. The estimated cost is $50,000. Charles Smith is Louisville Mgr.

Louisville, Ky.—Bids will be received about July 15 by D. X. Murphy & Bro., for the construction of an 11-story addition to the Tyler Hotel. The estimated cost is $200,000. Noted Dec. 17.

Akron, Ohio—The Building Committee of the local Order of Elks will award contracts about June 28 for the construction of a lodge building. Estimated cost, $75,000. G. F. Burkhart, is Chn. of Bldg. Com.

Canton, Ohio—The First Congregational Church plans to construct a church on Tuscarawas St., W. Estimated cost, $50,000. C. W. Recard, is Pastor.

Cincinnati, Ohio—John W. Murphy, Pres., of the Academy of Medicine, will select a commission to arrange for the construction of a building on Seventh, Eighth or Ninth St. The estimated cost is $250,000.

Cincinnati, Ohio—Bids will soon be received by Garber & Woodward, Arch., 2803 Union Central Bldg., for the construction of a one-story, 75x75-ft. building for the New Thought Temple. Estimated cost, $75,000. William E. Hutton, 2508 Melrose Ave., is Chn. Bldg. Com. Noted May 27.

✚Cleveland, Ohio—The general contract for the construction of a two-story market house at Euclid Ave. and East 46th St. has been awarded to the F. B. MARKS CONSTRUCTION CO. The estimated cost is $200,000. Noted May 13.

Cleveland, Ohio—Plans have been prepared by Nicola Petti, Arch., 709 Williamson Bldg., for the construction of a motion-picture theater, bank and publishing building at East 14th and Central Ave. for O. G. Melaragno and Ferdinando Melaragno. The estimated cost is $60,000. Noted Mar. 25.

Cleveland, Ohio—The Bell Telephone Co., Telephone Bldg., plans the construction of a telephone exchange building. Estimated cost, $300,000. Allard Smith is Gen. Mgr.

Cleveland, Ohio—Contracts will be awarded about July 10 by Franz C. Warner, Arch., Hippodrome Bldg., for the construction of a four-story, 100x130-ft. building for the Dental Department at the Western Reserve University. The estimated cost is $100,000. Noted May 13.

✚Cleveland, Ohio—The contract for the construction of a two-story school at Superior Ave. and East 41st St., for the Immaculate Conception Church, has been awarded to C. A. CARSON CO., 6523 Euclid Ave. The estimated cost is $40,000. H. A. Walsh, 255 Lennox Bldg., is Arch. Noted May 6.

Cleveland, Ohio—William Hirsch, Arch., 1302 Swetland Bldg., is preparing plans for the construction of three buildings for the Ohio State Telephone Co. The estimated cost is $150,000. Noted Mar. 18.

Cleveland, Ohio—Bids will soon be received by Edwin J. Schneider, Arch., 606 Cuyahoga Bldg., for the construction of a three-story auditorium and gymnasium at 1939 West 54th St. for St. Stephen's Parish. The estimated cost is $85,000. Noted June 3.

Lakewood, Ohio—Plans are being prepared by Harlan M. Clark, Arch., 407 New England Bldg., Cleveland, for the construction of a two-story building. The estimated cost is $200,000.

Richmond, Ohio—Plans are being prepared by Paul T. Cahill, Arch., Euclid Bldg., Cleveland, for the construction of a two-story school. The estimated cost is $40,000. G. M. Howard is Clk., Bd. of Education.

Willoughby, Ohio—The Andrews Institute plans to construct an addition to its building. The estimated cost is $50,000.

✚Evansville, Ind.—The contract for the construction of a six-story, 54x144-ft., brick building for the Old State National Bank, has been awarded to the SCARBOROUGH-DAVIES CO., Evansville, at $225,000. Noted Mar. 25.

Indianapolis, Ind.—Plans are being prepared by Frederick W. Wallick, Arch., 1056 Lemcke Annex, for the construction of a four- or five-story coliseum at New York and Meridian St. for the Coliseum Hotel Corporation. The estimated cost is $400,000. A. S. Fletcher, 316 North Meridian St., is Mgr.

LaFayette, Ind.—The Board of Trustees of Purdue University has approved plans for the construction of a $50,000 building to be used by the Department of Veterinary Science.

Muncie, Ind.—C. H. Houck, Arch., is preparing plans for the construction of a two-story dormitory at the county infirmary. An appropriation of $45,000 was recently made by the Commissioners for this purpose.

✚Detroit, Mich.—JOHN FINN & CO., 234 Fort St., Detroit, at about $50,000 has been awarded the contract for the construction of a four-story addition to St. Mary's Hospital on Mullett St. near Hastings St.

Detroit, Mich.—Irwin & Leighton, 126 North 12th St., Philadelphia, Penn., at $587,400, submitted the lowest bid for the construction of the Municipal Court Bldg. George H. Fenkell, City Hall, is Comr. Noted Apr. 22 and May 20.

✚Detroit, Mich.—F. N. COOPER, 301 Penobscot Bldg., has been awarded the contract for the construction of a school at Fort St. and North Waterman Ave. The estimated cost is $115,000. G. A. Gadd is Secy., Bd. of Education. Noted Feb. 4.

Port Huron, Mich.—An election will soon be held to vote on the question of issuing $100,000 in bonds. The proceeds will be used for the construction of a school. Noted May 13.

Port Huron, Mich.—The Women's Benefit Association of the Maccabees plans to construct a building on the site of the Henry Howard homestead on Military St. The estimated cost is $150,000. Miss Bina M. West, Port Huron, is Supreme Commander of the Order.

✚Berwyn, Ill.—BUTLER & CO., 30 North La Salle St., Chicago, has been awarded the contract for the construction of a two-story dormitory for the John Worthy School at 22d St. and Harlem Ave. Estimated cost, $75,000. Charles W. Kallal, 1012 City Hall, is City Arch.

Bloomington, Ill.—George H. Miller, Arch., 404 Evans Bldg., is preparing plans for the construction of a three-story building for the Knights of Pythias. Estimated cost, $50,000.

✚Champaign, Ill.—The contract for the construction of a three-story theater, store and office building for the Mayfield Estate has been awarded to A. W. STOOLMAN, 1101 South Third St., Champaign. Estimated cost, $40,000.

Chicago, Ill.—At an election held June 7 the citizens voted against issuing $2,500,000 in bonds. The proceeds would have been used for the construction of a county jail. Noted Apr. 29 and May 20.

Chicago, Ill.—Carl Barkhausen, Arch., 121 Wisconsin St., Milwaukee, Wis., is preparing plans for the construction of an edifice at 62d and Woodlawn Ave. for the Ninth Church of Christ, Scientist. The estimated cost is $100,000.

Chicago, Ill.—Jasper T. Bright, 111 North Dearborn St., has purchased a site at 55th St. and Maryland Ave. upon which to construct a store and apartment building. The estimated cost is $85,000.

Chicago, Ill.—The citizens, at an election held June 7, voted in favor of the question of issuing $1,000,000 in bonds for the construction of buildings at the county poor farm and $200,000 in bonds for the completion of the courthouse.

Danville, Ill.—Plans are being prepared by L. F. Stuebe, Arch., 415 Adams Bldg., for the construction of a four-story Masonic Temple. The estimated cost is $150,000. James Sutton is Secy. of Masonic Lodge. Noted Dec. 3.

✚**Decatur, Ill.**—The general contract for the construction of a two-story school, including a gymnasium and auditorium, has been awarded to BAKER BROS., Decatur. The estimated cost is $65,000. R. Montgomery is Pres., Bd. of Education.

Galesburg, Ill.—Plans are being prepared by James B. Dibelka, State Arch., 130 North Fifth Ave., Chicago, for the construction of an armory. The estimated cost is $50,000.

Jerseyville, Ill.—Plans are being prepared by Aaron T. Simmons, 401 First National Bank, Bloomington, for the construction of a two-story high school for the Township School District. The estimated cost is $50,000. Noted Apr. 22.

Maywood, Ill.—E. E. Roberts, 105 North Clark St., Chicago, is preparing plans for the construction of a two-story high school. The estimated cost is $80,000.

Monmouth, Ill.—The State Senate, Springfield, has passed a bill appropriating $50,000 for the construction of an armory.

✚**Ottawa, Ill.**—J. L. SIMMONS CO., 4239 West Madison St., Chicago, has been awarded the general contract for the construction of a two-story, brick high school. Estimated cost, $200,000. C. H. Kingman is Secy., Bd. of Education. Noted Apr. 1.

Springfield, Ill.—The citizens of School District No. 186 voted in favor of the question of issuing $400,000 in bonds. The proceeds will be used for the construction of a high school.

Urbana, Ill.—A. W. Stoolman, Champaign, at $203,291, submitted the lowest bid for the conatruction of the Educational, Ceramics and Vivarium buildings at the University of Illinois. E. J. James is Pres. of the university.

✚**Lake Geneva, Wis.**—The general contract for the construction of a building for the Northwestern Military & Naval Academy has been awarded to MAX E. C. TIMMER, 5415 North Ashland Ave., Chicago, Ill. Estimated cost, $100,000. Marshall & Fox, 38 South Dearborn St., Chicago, Ill., is Arch.

Milwaukee, Wis.—Bids will be received until June 28 by Kirchoff & Rose, Arch., Majestic Bldg., for the construction of a four-story, 200x150-ft. brick and concrete theater, store and office building at Grand Ave. and Sixth St. for the Palace Theater Co. Estimated cost, $400,000. Herman Fehr, Majestic Bldg., is Gen. Mgr. Noted May 6 and 20.

Montello, Wis.—The Board of Supervisors of Marquette County contemplates the construction of a courthouse and jail, including the sheriff's residence. The estimated cost is $50,000. Charles Gay is County Clk.

Waukesha, Wis.—(Official)—The Board of Education has neither selected nor dismissed an architect for the construction of a high school in the Sixth Ward as mentioned in the issue of June 10. Recommendations have been made to the City Council for an appropriation for the high school and central heating plant. G. B. Harris is Pres., Bd. of Education. Noted Mar. 11 and June 10.

Ft. Dodge, Iowa—An election will be held July 2 to vote on the question of issuing $150,000 in bonds. The proceeds will be used for the construction of a school.

✚**Linn Grove, Iowa**—The general contract for the construction of a two-story brick school has been awarded to T. PARKS, Iowa City, at $42,000. H. C. Moller is County Supt. Noted May 20.

Manchester, Iowa—The Board of Supervisors has called an election to be held Sept. 9 to vote on the question of issuing $50,000 in bonds. The proceeds will be used for the construction of a county hospital.

Mason City, Iowa—At an election held recently the citizens voted in favor of the question of issuing $300,000 in bonds. The proceeds will be used for the construction of a high school. Noted May 27 and June 10.

✚**Pella, Iowa**—The contract for the construction of a high school has been awarded to G. C. & W. F. KUCHARO & CO., Des Moines, at $40,500. G. K. Thomassen is Pres. and D. G. Gosselin is Secy., Bd. of Education. Noted Jan. 7.

Woodward, Iowa—Bids will soon be received by the State Board of Control for the construction of buildings at the State Colony for Epileptics. The entire cost is estimated at $500,000.

Minneapolis, Minn.—Bids will be received until July 15 by Chapman & Magney, Arch., 509 Essex Bldg., for the construction of a building at the Minnesota College. The estimated cost is $60,000. Noted Dec. 10.

Minneapolis, Minn.—(Official)—Bids will be received about July 19 for the construction of the West Side High School. The estimated cost is $400,000. G. F. Womrath is Executive School Agt.

St Paul, Minn.—Preliminary plans for the construction of a building at Cedar and Central St. for the Minnesota State Historical Society have been submitted to the State Board of Control. Estimated cost, $500,000. C. H. Johnston, Capitol Bank Bldg., is State Arch. Noted Nov. 26 and Apr. 29.

Atchison, Kan.—The Board of Trustees of Midland College plans to construct a gymnasium to cost about $42,000. R. B. Peery is Pres.

Hays, Kan.—C. A. Smith, Arch., Salina, has prepared plans for the construction of a hospital to cost about $100,000.

Minneapolis, Kan.—Contracts will be awarded about July 15 for the construction of a two-story, 76x100-ft. school. Estimated cost, $42,000. Owen & Payson, 713 Scarritt Bldg., Kansas City, Mo., is Arch. Noted May 6 and June 17.

✚**Topeka, Kan.**—The contract for the construction of a four-story fireproof building for the Palace Clothing Co., has been awarded to J. M. LEEPER. The estimated cost is $50,000.

Beatrice, Nebr.—Joseph W. Salmon, Arch., 416 First National Bank, Lincoln, is preparing preliminary plans for the construction of a school and auditorium for the Institute for Feeble Minded. Leo Mathews, State House, Lincoln, is Secy., Bd. of Control.

Omaha, Neb.—The Directors of St. Catherine's Hospital plan to construct an addition to cost about $40,000.

Omaha, Neb.—Preliminary plans are being prepared by W. E. Stockholm, Arch., 426 Range Bldg., for the construction of a gymnasium and lodge building for the Omaha Aerie of Eagles, 1410 Harney St. Estimated cost, $50,000.

Omaha, Neb.—Plans are being prepared by Burd F. Miller, Arch., for the construction of a four-story building at 15th and Jones St., for the Goodrich Drug Co. The estimated cost is $50,000.

Wisner, Neb.—At a recent election the citizens voted in favor of issuing $40,000 in bonds, the proceeds of which will be used for the construction of a school in District No. 30. A. H. Morse, West Blk., is Secy.

Milbank, S. D.—Bids will be received July 2 by E. M. Harber, County Audr., for the construction of a courthouse at Milbank. C. E. Bell, Security Bank Bldg., Minneapolis, Minn., is Arch. Noted May 20.

Grand Forks, N. D.—Bids will be received until July 6 by the Board of Education for the construction of a school. The estimated cost is $200,000.

Havre, Mont.—Plans have been prepared and work will soon begin on the construction of a church and school for the Catholic Congregation. The estimated cost is $60,000.

✚**Havre, Mont.**—(Official)—OLSON & JOHNSON, Great Falls, at $101,630, has been awarded the contract for the ronstruction of a court house and jail for Hill County. John H. Devine is County Clk. and Recdr. Noted May 13 and June 10.

Lewistown, Mont.—P. C. Dahljelm, Means Bldg., will construct a six-story, 100x160-ft. brick hotel. The estimated cost is $250,000.

Kansas City, Mo.—Bids are being received for the construction of a one-story hotel at 1114 Baltimore Ave. for the Baltimore Avenue Investment Co. J. H. Martling is Arch.

St. Joseph, Mo.—(Official)—Bids will be received until June 29 by the Secretary of the School Board for the construction of the Hosea School. The estimated cost is $60,000. Eckel & Aldrich, Forsee-Corby Bldg., is Arch. Noted May 27 and June 10.

St. Joseph, Mo.—Walter Boschen, Tottle-Lemond Bldg., is preparing plans for the construction of a school at South 12th St. The estimated cost is $45,000. A. J. Young is Secy., Bd. of Education.

✚**St. Louis, Mo.**—J. GODFREY & CO., St. Louis, have been awarded the contract for the construction of a four-story dormitory at 4949 Forest Park Blvd. for Washington University. Estimated cost, $40,000.

St. Louis, Mo.—The Northern Investment Co. plans to construct a four-story, 155x180-ft. building on 12th and Poplar St. The building will be occupied by the Scudders-Gale Grocery Co., Eighth and Spruce St.

Austin, Tex.—At a recent election the citizens voted in favor of the question of issuing $250,000 in bonds. The proceeds will be used for the construction of public schools. Noted May 13.

Austin, Tex.—Governor James E. Ferguson has vetoed the appropriation of $415,000, which the Legislature recently made for repairing the State Capitol.

✚**Dallas, Tex.**—HUGHES-O'ROURKE CO., has been awarded the contract for the construction of a three-story building at Young St. and Park Ave. for the Dallas Labor Temple. The estimated cost is $50,000. Noted Mar. 11.

✚**Dallas, Tex.**—The contract for remodeling the bank building of the Federal Reserve Bank has been awarded to H. J. CURTIS. Estimated cost, $100,000. Noted May 6.

Ft. Worth, Tex.—The Polytechnic Y. M. B. L. plans to construct a high school to cost about $45,000. C. A. Gilliam and S. J. Callaway are members of the School Bd. and L. H. Tandy is Chn. of Bldg. Com.

Galveston, Tex.—Bids will be received until 1 p.m., July 5, by L. S. Green, Arch., 1111 American National Insurance Bldg., Galveston, Tex., for the construction of a six-story office building.

Orange, Tex.—(Official)—An election will be held July 20 to vote on the question of issuing $150,000 in bonds, the proceeds of which will be used for the construction of schools. K. A. Mitchell is Cecy. of Comn. Noted June 10.

Oklahoma, Okla.—The Manhattan Construction Co., Muskogee, at $1,316,653, submitted the lowest bid for the construction of the Oklahoma State Capitol. R. L. Williams is Chn. and Ira Mitchell is Secy. of the Capitol Comn. Noted Dec. 31 and May 20.

Supulpa, Okla.—(Official)—At a recent election the citizens voted against the question of issuing $150,000 in bonds, the proceeds of which was to have been used for the construction of a high school. Noted June 10.

✚**Colorado Springs, Colo.**—The contract for the construction of a hospital and laundry at the Modern Woodmen Sanatorium has been awarded to DANNEVIK & CURRY, Colorado Springs, at about $66,000. MacLaren & Thomas is Arch. Noted May 27.

Albuquerque, N. M.—Plans are being revised by Shattuck & Hussey, Arch., 19 South La Salle St., Chicago, Ill., for the construction of a four-story Y. M. C. A. building. The estimated cost is $75,000. Edward Christy, Albuquerque, is Assoc. Arch. Noted May 6.

✚**Tyrone, N. M.**—The contract for the construction of a reinforced-concrete hospital has been awarded to JENNINGS & WOOD, El Paso. The estimated cost is $65,000.

Bellingham, Wash.—The citizens voted in favor of the question of issuing $95,000 in bonds, the proceeds to be used for the construction of an addition to the North Side High School. Noted May 27.

Mt. Vernon, Wash.—(Official)—The citizens recently voted against the question of issuing bonds for the construction of a high school. The project has been indefinately postponed. Stephen & Stephen, New York Blk., Seattle, is Arch. Noted Apr. 22.

The Dalles, Ore.—The Oregon Washington R.R. & Navigation Co. plans to construct terminals at The Dalles and Pilot Rock. The estimated cost is $400,000. J. D. Farrell, Portland, is Pres.

Berkeley, Calif.—The University of California plans to expend about $1,000,000 for buildings. The amount includes $250,000 for the construction of a chemistry building, $350,000 for an agricultural building and $400,000 for enlarging the library. John Galen Howard is Arch. of University and Benjamin Ide Wheeler is Pres.

✚**Los Angeles, Calif.**—The contract for the construction of a two-story school on Clifford St. has been awarded to SOMERS-LUND CO. Estimated cost, $40,000.

Los Angeles, Calif.—Bids are being received for the construction of a group of three buildings for the Los Angeles High School at the Country Club Drive between Wilshire Blvd. and Pico St. The estimated cost is $500,000. John C. Austin, 1125 Baker-Detwiler Bldg., is Arch. Noted June 3.

Los Angeles, Calif.—The Pacific Mutual Life Insurance Co., Sixth and Olive St., contemplates the construction of a 12-story addition to the office building on Sixth St. W. J. Dodd, 321 Marsh-Strong Bldg., is Arch.

✚**Los Angeles, Calif.**—The contract for the construction of a school on Macy St. has been awarded to the ALTA PLANING MILL CO., 830 McGarry St., at $40,370. Albert C. Martin is Arch.

Los Angeles, Calif.—The Los Angeles Planing Mill Co., 1812 Industrial St., at $95,987, was the lowest bidder on the general contract for the construction of a two-story school and gymnasium at Vernon Ave. and First St. Hunt & Burns, Laughlin Bldg., is Arch. Noted May 20 and June 3.

✚**Los Angeles, Calif.**—The JOHN SIMPSON CO., Baker-Detwiler Bldg., at $58,559, has been awarded the contract for the construction of a school on Ann St.

✚**Los Angeles, Calif.**—A. GRANT, Builders Exchange, at $41,533, has been awarded the general contract for the construction of a two-story, brick and concrete school on Budling Ave. south of 59th St. Alfred Rea and Charles E. Garstang, Black Bldg., are Archs. Noted June 17.

Los Angeles, Calif.—The Cresmer Mfg. Co., at $50,500, was the lowest bidder on the general contract for the construction of a brick school at South Park Ave. Walker & Vawter is Arch. Noted June 3.

Oakland, Calif.—The Merritt Hospital plans to construct a two-story addition to the hospital at Hawthorne and Webster St. Estimated cost, $60,000. Walter J. Matthews is Arch.

✚**Owensmouth, Calif.**—C. W. KENT & SONS, Glendale, at $62,200, has been awarded the contract for the construction of the two-story Owensmouth High School. Dennis & Hewitt, 618 Fay Bldg., Los Angeles, is Arch. Noted May 27 and June 17.

San Bernardino, Calif.—An election will soon be held to vote on the question of issuing $175,000 in bonds. The proceeds will be used for the construction of a city hall and for the purchasing of the site.

✚**San Francisco, Calif.**—The Board of Public Works has awarded the contract for the construction of a Juvenile Court and Detention Home to the PACIFIC CONSTRUCTION CO., 16 California St., San Francisco, at $97,771. Noted May 27.

San Francisco, Calif.—The McCreery Estate Co. will construct a 100x550-ft. produce market at Eighth and Market St.

San Francisco, Calif.—Plans have been prepared for the construction of a 100x550-ft. retail produce market to be known as the Central Park Market, at Eighth and Market St.

Susanville, Calif.—At a recent election the citizens voted in favor of issuing $100,000 in bonds. The proceeds will be used for the construction of a courthouse and county hospital. Noted Feb. 11 and May 20.

✚**Brantford, Ont.**—SCHULTZ BROS. have been awarded the contract for the construction of a department store for W. C. Livingston. The estimated cost is $63,000.

The Builders Iron Foundry, Providence, R. I., has recently received contracts for supplying Venturi meters for the measurement of cold water, as follows: Three 36-in. Venturi meter tubes and one 20-in. Venturi meter tube, equipped with Type M register-indicator-recorders, for the City of Ottawa, Ont.; one 24-in. high pressure Venturi meter tube with Type M register-indicator-recorders to the Remington Arms Co., Bridgeport, Conn.; twelve 4-in. Venturi meter tubes with Type M indicator-recorders, to the Haverhill Electric Co., Haverhill, Mass.; one 4-in. Venturi meter tube and one 2-in. Venturi meter tube equipped with one Type M register-indicator-recorder, to the Metropolitan Life Insurance Co., Wilton, N. Y.; also for two 6-in. Venturi meter tubes with Type M register-indicator-recorders. One 4-in. Venturi meter tube with U-tube Manometer for the measurement of air has been ordered by the City of Milwaukee.

George C. Wilson has been appointed manager of the office of the Independent Pneumatic Tool Co. at Chicago. F. H. Charbono has been transferred to the Boston office.

The Standard Engineering Co., Farmers Bank Bldg., Pittsburgh, Penn., has recently been organized by M. R. Moxley and F. H. Burdick. The firm will specialize in the erection of steel coal tipples and other structures.

The Builders Iron Foundry, Providence, R. I., has recently received an order from the City of Aberdeen, Wash., for a 12-in. meter tube and a 20-in. meter tube for water works service.

We have been advised that the **Holbrook, Cabot & Rollins Corporation**, and Mr. George H. Fry, 331 Madison Ave., have moved their offices to the Vanderbilt Concourse, 52 Vanderbilt Ave., New York, N. Y.

Charles H. Preston, Jr., M. Am. Soc. C. E., Consult. Engr., Waterbury, Conn., who for the past two years has been engaged in preliminary investigations into the feasibility of a huge water conservation scheme for 35 manufacturing corporations in the Naugatuck Valley, has completed the investigation and is about to render a report on the project to the commission appointed by the manufacturers. The scheme involves the storage of 18,000,000,000 gal.

Willy Lamot of Antwerp, but temporarily located at Shardhighs, Halstead, Essex, England, has, with several Belgian business men, created an organization having for its object the introduction into Belgium, as soon as the war is over, of American products and manufactures; also to employ as agents and representatives a number of Belgian manufacturers and business men who have been partly ruined, but still possess enough capital and can give the necessary guarantees as to good faith as agents, dealers, and the like. It is suggested that any letters or circulars which manufacturers desire to send, be sent in duplicate, with an interval of about a week between the mailing of them.

WATER-WORKS IMPROVEMENT, PARIS, ILL.

✚Bids were received May 18 by the City Council, Paris, Ill., for water-works improvement, consisting of four earth dams, a diversion channel, a wet well and an intake, and two sewers. Bids were received on four alternatives. The bidders on Alternative A, the desired project, were: (A) HICKEY BROS., St. Louis, Mo. (awarded contract); (B) Arrow Engineering Co., St. Louis; (C) M. Hays & Sons, Janesville, Wis.; (D) P. M. Johnson & Co., St. Elmo; (E) L. K. Sherman Co., Chicago; (F) Robert Curdie, John Strubel and G. D. Helmick; (G) A. J. Yawger & Co., Indianapolis, Ind.; (H) Harrington Bros., St. Louis; (I) M. C. Conners & Co., Chicago; (J) Alan J. Parrish and the Walsh Construction Co. The item bids were as follows:

	A	B	C	D	E	F	G	H	I	J
4100 cu.yd. excavation for cut-off and spillway	$0.30	$0.2245	$0.50	$0.50	$..60	$0.30	$0.30	$0.30	$0.30	$0.55
800 cu.yd. excavation on dam site	0.30	0.3232	0.50	0.30	0.30	0.30	0.30	0.21	0.30	0.55
150 cu.yd. rock excavation	1.00	2.22	2.00	1.00	2.00	2.25	0.90	1.50	3.00	2.00
5 cu.yd. grouting	12.60	11.19	12.00	3.25	15.00	15.00	10.00	12.00	8.75	7.00
48,400 cu.yd. earth fill	0.23	0.2239	0.295	0.24	0.28	0.28	0.25	0.21	0.30	0.23
1880 cu.yd. concrete in spillway	6.35	10.785	5.90	9.00	8.00	6.75	6.00	7.25	8.25	7.10
540 cu.yd. concrete in cut-off wall	6.50	11.19	7.00	9.00	9.00	6.90	5.00	6.40	6.30	7.10
59 ft. 36-in. vitrified pipe in place	3.00	2.98	4.75	4.50	5.00	2.50	2.00	3.00	3.70	2.00
1 36-in. sluice gate	500.00	392.70	250.00	250.00	300.00	250.00	240.00	325.00	250.00	375.00
90 squares seeding banks (100 sq.yd.)	2.00	5.61	0.20	2.50	0.40	1.00	0.60	0.50	0.25	0.25
Cleaning and grubbing (lump sum)	350.00	112.20	250.00	250.00	100.00	200.00	100.00	100.00	100.00	100.00
100 cu.yd. earth excavation	0.30	0.2243	0.50	0.30	0.40	0.30	0.30	0.25	0.40	0.55
6400 cu.yd. earth fill	0.25	0.2243	0.34	0.24	0.28	0.28	0.225	0.25	0.30	0.25
20 squares seeding banks	2.00	5.61	0.20	2.50	0.40	1.00	0.60	0.50	0.25	0.25
50,000 cu.yd. earth excavation	0.18	0.2242	0.21	0.21	0.20	0.30	0.235	0.22	0.20	0.25
3200 cu.yd. rock excavation	0.60	1.122	1.50	0.85	1.50	2.25	0.90	1.20	1.10	1.10
800 cu.yd. earth fill in ravine	0.18	0.2238	0.20	0.30	0.23	0.20	0.20	0.25	0.30	0.28
105 cu.yd. concrete bridge	15.00	22.25	12.00	12.00	15.00	11.00	18.00	14.00	.....	10.75
Earth fill on bridge (lump sum)	100.00	259.00	400.00	75.00	100.00	25.00	25.00	50.00	150.00	300.00
2700 ft. 15-in. sewer 0 to 5 ft. deep	1.00	0.807	0.90	1.00	0.95	0.60	0.60	0.50	0.61	0.70
700 ft. 15-in. sewer 5 to 10 ft. deep	1.25	1.122	1.25	1.25	1.25	0.80	0.75	0.60	0.81	1.00
11 manholes, 0 to 5 ft. deep	35.00	44.88	30.00	45.00	35.00	30.00	30.00	25.00	15.00	40.00
4 manholes, 5 to 10 ft. deep	50.00	55.00	50.00	50.00	40.00	35.00	40.00	40.00	19.00	50.00
5 cu.yd. concrete filling	10.00	10.99	12.00	10.00	6.00	6.00	5.50	7.00	10.00	8.00
10 cu.yd. concrete	12.00	10.99	15.00	20.00	14.00	15.00	6.50	10.00	12.00	10.50
160 ft. pipe line	6.50	4.71	1.75	3.00	5.00	11.00	6.00	3.00	3.50	5.00
1 quarter bend	30.00	19.88	15.00	25.00	4.00	18.00	10.00	20.00	20.00	15.00
45 cu.yd. excavation in wet well	3.00	3.365	1.00	5.00	3.00	3.50	3.50	2.00	4.00	1.00
2 cu.yd. rock excavation	5.00	11.22	4.00	10.00	3.00	5.00	5.00	5.00	10.00	2.00
Iron ladder	15.00	39.25	25.00	50.00	45.00	14.00	0.30	10.00	15.00	15.00
Extended totals	$49,412	$64,099	$56,483	$58,578	$60,857	$62,687	$50,281	$50,698	$56,123	$56,135

Contracts to Be Let

Bids received until June 29, 1915.

Water-Works, Pump Station, Reservoir and Mains

Rittman, Ohio.

Sealed proposals will be received by the Clerk of Council, at Rittman, Ohio, in the Council Chamber, until 1 o'clock P.M., Central Standard Time, of the 29th day of June, 1915, and then publicly opened and read, for the construction of a Water-Works for the Village.

The work to be done includes the construction of a pump station, 200,000-gallon reinforced-concrete reservoir, and approximately 8 miles of water mains, 4" to 8" in size.

Bids will be made on the work as a whole.

Each proposal shall be accompanied by a certified check for ten (10%) per cent. of the amount of the proposal, or by a bond with surety satisfactory to the Village Council.

The contract bond will be for fifty (50%) per cent. of the amount of the contract.

Copies of the plans, proposal forms, specifications and forms of bonds and contract can be seen at the office of the Clerk of Council, Rittman, Ohio; or may be obtained by prospective bidders upon depositing Ten ($10.00) Dollars with W. F. Peters, Engineer, Medina, Ohio, or R. Winthrop Pratt, Consulting Engineer, Hippodrome Bldg., Cleveland, Ohio, which sum will be refunded upon the return of plans and specifications within ten (10) days after the contract is awarded, if same are in good condition when returned. Copies of the specifications alone may be obtained upon depositing Two ($2.00) Dollars.

The Village Council reserves the right to reject any or all bids, waive any informalities in the bids received and to accept any bids which it deems most favorable to the Village of Rittman, Ohio.

By order of the Village Council.

VANCE HICKIN, Clerk.

Bids received until June 29, 1915.

Water-Works Pumping Equipment

Rittman, Ohio.

Sealed proposals will be received by the Clerk of Council, at Rittman, Ohio, in the Council Chamber, until 1 o'clock P.M., Central Standard Time, of the 29th day of June, 1915, and then publicly opened and read, for Water-Works Pumping Equipment.

The work to be done includes a 50 H.P. horizontal gas engine, a triplex pump of 400 gallons per minute capacity, 2 air compressors, motor driven multi-stage centrifugal pump, of 200 gallons per minute capacity, and other necessary pumping equipment.

Bids will be made on the work as a whole.

Each proposal shall be accompanied by a certified check for ten (10%) per cent. of the amount of proposal, or by a bond with surety satisfactory to the Village Council.

The contract bond will be for fifty (50%) per cent. of the amount of the contract.

Copies of the plans, proposal forms, specifications and forms of bonds and contract can be seen at the office of the Clerk of Council, Rittman, Ohio; or may be obtained by prospective bidders upon depositing Five ($5.00) Dollars with W. F. Peters, Engineer, Medina, Ohio, or R. Winthrop Pratt, Consulting Engineer, Hippodrome Bldg., Cleveland, Ohio, which sum will be refunded upon the return of plans and specifications within ten (10) days after the contract is awarded, if same are in good condition when returned. Copies of the specifications alone may be obtained upon depositing Two ($2.00) Dollars.

The Village Council reserves the right to reject any or all bids, waive any informalities in the bids received and to accept any bids which it deems most favorable to the Village of Rittman, Ohio.

By order of the Village Council.

VANCE HICKIN, Clerk.

Bids received until July 1, 1915.

Proposals for Street Paving

Lebanon, Penn., June 15, 1915.

Sealed proposals will be received by the Mayor and Council of the City of Lebanon, Pa., until 5 o'clock P.M. on the 1st day of July, 1915, for furnishing all materials and doing all work necessary for the complete construction of about 4,000 square yards of street paving on 8th Street between the N. side of the tracks of the Philadelphia & Reading Railroad Co. and the N. side of Lehman Street. Separate proposals for the paving of 9th Street from the S. side of Chestnut Street to near the S. rail of the Philadelphia & Reading Railroad Co.'s tracks, comprising about 12,400 square yards of pavement, and a separate proposal on Lehman Street from the E. side of 4th Street to the W. side of 9th Street, comprising about 8,300 square yards of pavement. The above quantities are approximate only.

Specifications, forms of proposals, envelopes, etc., may be obtained from the office of the City Engineer. A certified check on a solvent bank must accompany each bid. Three hundred and sixty dollars for the 8th Street, Eleven hundred dollars for the 9th Street and Seven hundred and fifty dollars for the Lehman Street bid. All checks must be drawn in favor of the City of Lebanon, Pa. The payments for the cost of paving and curbing the said highways shall be from amounts to be collected by the City Treasurer from property owners whose land fronts or abuts on said highways upon the basis authorized, and that the City of Lebanon shall under no circumstances be held responsible for the payment of any part of the cost of said improvements except as to the cost of paving intersections of said streets and alleys and the paving or curbing in front of properties exempt by law from the paying of said improvements.

The right to reject any or all bids or parts of bids is hereby reserved. Address communications to

T. R. CROWELL, City Engineer.

Attest: DAN M. SHARP, City Clerk.

Bids received until July 7, 1915.

Highway Work

OFFICE OF THE STATE COMMISSION OF HIGHWAYS,

Albany, N. Y.

Sealed proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at 1 o'clock p.m. on Wednesday, the 7th day of July, 1915, for the repair of highways in the following counties:

Albany (two contracts—resurfacing); Broome (one contract); Cayuga (two contracts—Resurfacing and Surface Treatment); Columbia (4 contracts—Surface Treatment); Delaware (one contract—Surface Treatment); Dutchess (one contract—Resurfacing); Erie (one contract—Resurfacing); Franklin (one contract—Surface Treatment); Greene (one contract—Surface Treatment); Herkimer (one contract—Resurfacing); Madison (one contract—Resurfacing); Monroe (one contract—Resurfacing); Oneida (5 contracts—Resurfacing and Surface Treatment); Ontario (two contracts—Resurfacing and Surface Treatment); Orange (one contract—Surface Treatment); Rensselaer (one contract—Resurfacing); Rockland (two contracts—Resurfacing); Saratoga (one contract—Resurfacing); St. Lawrence (two contracts—surface treatment); Schenectady (one contract—Surface Treatment); Suffolk (one contract—Surface Treatment); Westchester (one contract—Surface Treatment).

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the Division Engineers in whose divisions the contracts are to be repaired. The addresses of the Division Engineers and the counties in which they are in charge will be furnished on request.

The especial attention of bidders is called to "Information for Bidders" in the itemized proposal, specifications and contract agreement.

EDWIN DUFFEY, Commissioner.

I. J. MORRIS, Secretary.